

Glossary Contents

Abel

Di NardoPetruccioSenato2010, *Cumulants and convolutions via Abel polynomials*, European J. Combin. Vol. 31, Issue 7, Oct 2010, 1792-1804, [gen>](#)

KayllPerkins2009, *Combinatorial proof of an Abel-type identity*, J. Combin. Math. Combin. Comput. 2009, vol.70: 33-40, [jou>](#)

KimKimLeeRim2013, *Some identities of Bernoulli, Euler and Abel polynomials arising from umbral calculus*, Adv. Difference Equ. 2013, 2013: 15, [gen>](#)

RotaShenTaylor1997, *All polynomials of binomial type are represented by Abel polynomials*, Annali della Scuola Normale Superiore di Pisa – Classe di Scienze 25.3-4 (1997): 731-738, [nat>](#)

Akiyama-Tanigawa

Inaba2005, *Hyper-sums of powers of integers and the Akiyama-Tanigawa matrix*, J. Integer Seq. Vol. 8 (2005), Article 05.2.7, [jis>](#)

Kaneko2000, *The Akiyama-Tanigawa algorithm for Bernoulli numbers*, J. Integer Seq. Vol. 3 (2000), Article 00.2.9, [jis>](#)

MerliniSprugnoliVerri2005, *The Akiyama-Tanigawa transformation*, Integers 5 (2005), [gen>](#)

Zeng J.2006, *The Akiyama-Tanigawa algorithm for Carlitz's q -Bernoulli numbers*, Integers 6 (2006), [gen>](#)

Al-Salam-Carlitz

AskeySuslov1993, *The q -harmonic oscillator and the Al-Salam and Carlitz polynomials*, arXiv (9 jul 1993), [aXv>](#)

ChenSaadSun2009, *An operator approach to the Al-Salam-Carlitz polynomials*, arXiv (9 Oct 2009), [arXiv>](#)

Al-Salam-Chihara

IshikawaZeng2009, *The partition function of Andrews and Stanley and Al-Salam-Chihara polynomials*, Discrete Math. Vol. 309, Issue 1, Jan 2009, 151-175, [gen>](#)

KasraouiStantonZeng2011, *The combinatorics of Al-Salam-Chihara q -Laguerre polynomials*, Advances in Applied Math. Vol. 47, Issue 2, Aug 2011, 216-239, [gen>](#)

Apery

Chang1984, *A note on Apéry numbers*, Fibonacci Quart. 1984 (22,2): 178-180, [fibqy>](#)

Glasser2012, *A generalized Apéry series*, J. Integer Seq. Vol. 15 (2012), Article 12.4.3, [fibqy>](#)

GuoZeng2012, *New congruences for sums involving Apéry numbers or central Delannoy numbers*, arXiv (25 May 2012), [aXv>](#)

JinDickinson2000, *Apéry sequences and Legendre transforms*, J. Austral. Math. Soc. (Series A) 68 (2000), 349-356, [nat>](#)

LucaShparlinski2008, *Arithmetic properties of Apéry numbers*, J. London Math. Soc. (2008) 78 (3): 545-562, [nat>](#)

Pan2014, *On divisibility of sums of Apéry polynomials*, J. Number Theory, Vol. 143, Oct 2014, 214-223, [jou>](#)

Pilehrood

Kh.Pilehrood T.Tauraso2012, *Congruences concerning Jacobi polynomials and Apéry polynomials and Apéry-like formulae*, Int. J. Number Theory, 8 (2012), no. 7, 1789-1811, [gen>](#)

Schmidt1995, *Legendre transforms and Apéry's sequences*, J. Austral. Math. Soc. (Series A) **58** (1995), 358-375, [nat>](#)

Sun Z-W.2010a, *On Apéry numbers and generalized central trinomial coefficients*, arXiv (19 Aug 2010), [aXv>](#)

Sun Z-W.2012a, *On sums of Apéry polynomials and related congruences*, J. Number Theory, Vol. 132, Issue 11, Nov. 2012, 2673-2699, [jou>](#)

Young1992, *Apéry numbers, Jacobi sums, and special values of generalized p -adic hypergeometric functions*, J. Number Theory 41, 231-255 (1992), [jou>](#)

Apostol

DereSimsek2011a, *Unification of the three families of generalized Apostol type polynomials on the Umbral algebra*, arXiv (7 Oct 2011), [aXv>](#)

LuLuo2013a, *Some properties of the generalized Apostol-type polynomials*, Bound. Value Prob. 2013, 2013:64-Proc. Int. Congress in Honour of Hari M. Srivastava, [gen>](#)

LuSrivastava2011, *Some series identities involving the generalized Apostol type and related polynomials*, Comput. Math. Appl Vol. 62, Issue 9, Nov 2011, 3591-3602, [gen>](#)

LuXiangLuo2013, *Some results for Apostol-type polynomials associated with umbral algebra*, Adv. Difference Equ. 2013, 2013: 201, [gen>](#)

MahmudovKeleshteri2014, *q -extensions for the Apostol type polynomials*, J. Appl. Math. Vol. 2014 (2014), Article ID

868167, 8 p, [jou>](#)

OzdenSimsek2014, *Modification and unification of the Apostol-type numbers and polynomials and their applications*, Appl. Math. Comput. Vol. 235, May 2014, 338-351, [gen>](#)

Wang Wei.Wang Wen2010, *Some results on power sums and Apostol type polynomials*, Integral Transforms Spec. Funct. Vol. 21, Issue 4, 2010, [gen>](#)

Apostol-Bernoulli

BagdasaryanAraci2013, *Some new identities on the Apostol-Bernoulli polynomials of higher order derived from Bernoulli basis*, arXiv (21 Nov 2013), [aXv>](#)

Kurt2013, *Some relationships between the generalized Apostol-Bernoulli and Apostol-Euler polynomials*, Turkish J. of Analysis and Number Theory 2013, Vol. 1, No. 1, 54-58, [nat>](#)

Luo2014, *q-extensions of some results involving the Luo-Srivastava generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, Filomat 28:2 (2014), 329-351, [gen>](#)

LuoSrivastava2005, *Some generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, J. Math. Anal. Appl. Vol. 308, Issue 1, Aug 2005, 290-302, [jou>](#)

LuoSrivastava2006, *Some relationships between the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 51, Issues 3-4, Feb 2006, 631-642,

LuoSrivastava2011, *Some generalizations of the Apostol-Genocchi polynomials and the Stirling numbers of the second kind*, Appl. Math. Comput. Vol. 217, Issue 12, Feb 2011, 5702-5728, [gen>](#)

Ozarslan2013, *Hermite-based unified Apostol-Bernoulli, Euler*

and Genocchi polynomials, Adv.

Difference Equations 2013, **2013**: 116, [gen>](#)

SrivastavaOzarslanKaanoglu2013, *Some generalized Lagrange-based Apostol-Bernoulli, Apostol-Euler and Apostol-Genocchi polynomials*, Russ. J. Math. Phys. Mar 2013, Vol. 20, Issue 1, 110-120, [nat>](#)

Wang J.2013, *New recurrence formulae for the Apostol-Bernoulli and Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 247, [gen>](#)

Wang W.JiaWang T2008, *Some results on the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 55, Issue 6, Mar 2008, 1322-1332, [gen>](#)

Apostol-Euler

ChenCaiLuo2013, *An extension of generalized Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 61, [gen>](#)

KimKimJang2008, *On the q -extension of Apostol-Euler numbers and polynomials*, Abstr. Appl. Anal. Vol. 2008 (2008), Article ID 296159, 10 p, [gen>](#)

Kurt2013, *Some relationships between the generalized Apostol-Bernoulli and Apostol-Euler polynomials*, Turkish J. of Analysis and Number Theory 2013, Vol. 1, No. 1, 54-58, [nat>](#)

Luo2006, *Apostol-Euler polynomials of higher order and Gaussian hypergeometric functions*, Taiwanese J. of Math. Vol. 10, No. 4, 917-925, 2006, [nat>](#)

Luo2014, *q -extensions of some results involving the Luo-Srivastava generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, Filomat 28:2 (2014), 329-351, [gen>](#)

LuoSrivastava2005, *Some generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, J. Math. Anal. Appl. Vol. 308, Issue 1, Aug 2005, 290-302, [jou>](#)

LuoSrivastava2006, *Some relationships between the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 51, Issues 3–4, Feb 2006, 631-642, [jou>](#)

SrivastavaOzarslanKaanoglu2013, *Some generalized Lagrange-based Apostol-Bernoulli, Apostol-Euler and Apostol-Genocchi polynomials*, Russ. J. Math. Phys. Mar 2013, Vol. 20, Issue 1, 110-120, [nat>](#)

TrembleyGabouryFugère2012, *Some new classes of generalized Apostol-Euler and Apostol-Genocchi polynomials*, Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 182785, 14 p, [gen>](#)

Wang J.2013, *New recurrence formulae for the Apostol-Bernoulli and Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 247, [gen>](#)

Wang W.JiaWang T.2008, *Some results on the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 55, Issue 6, Mar 2008, 1322-1332, [gen>](#)

Apostol-Genocchi

BagdasaryanAraci2013, *Some new identities on the Apostol-Bernoulli polynomials of higher order derived from Bernoulli basis*, arXiv (21 Nov 2013), [aXv>](#)

JolanySharifiAliKelayie2013, *Some results for the Apostol-Genocchi polynomials of higher order*, Bull. Malays. Math. Sci. Soc. (2) 36(2) (2013), 465-479, [nat>](#)

Luo2009b, *q-extensions for the Apostol-Genocchi polynomials*, General Math. Vol. 17, No. 2 (2009), 113-125, [gen>](#)

Luo2014, *q-extensions of some results involving the Luo-Srivastava generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, Filomat 28:2 (2014), 329-351, [gen>](#)

LuoSrivastava2005, *Some generalizations of the Apostol-Bernoulli and Apostol-Euler polynomials*, J. Math.

Anal. Appl. Vol. 308, Issue 1, Aug 2005, 290-302, [jou>](#)

LuoSrivastava2006, *Some relationships between the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 51, Issues 3–4, Feb 2006, 631-642, [jou>](#)

LuoSrivastava2011, *Some generalizations of the Apostol-Genocchi polynomials and the Stirling numbers of the second kind*, Appl. Math. Comput. Vol. 217, Issue 12, Feb 2011, 5702-5728, [gen>](#)

Ozarslan2013, *Hermite-based unified Apostol-Bernoulli, Euler and Genocchi polynomials*, Adv. Difference Equations 2013, 2013: 116, [gen>](#)

SrivastavaOzarslanKaanoglu2013, *Some generalized Lagrange-based Apostol-Bernoulli, Apostol-Euler and Apostol-Genocchi polynomials*, Russ. J. Math. Phys. Mar 2013, Vol. 20, Issue 1, 110-120, [nat>](#)

SrivastavaOzarslanYilmaz2014, *Some families of differ. equat. assoc. with the Hermite-based Appell polyn. and other classes of Hermite-based polyn.*, Filomat 28: 4 (2014), 695-708, [gen>](#)

TrembleyGabouryFugère2012, *Some new classes of generalized Apostol-Euler and Apostol-Genocchi polynomials*, Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 182785, 14 p, [gen>](#)

Wang J.2013, *New recurrence formulae for the Apostol-Bernoulli and Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 247, [gen>](#)

Wang W.JiaWang T.2008, *Some results on the Apostol-Bernoulli and Apostol-Euler polynomials*, Comput. Math. Appl. Vol. 55, Issue 6, Mar 2008, 1322-1332, [gen>](#)

Appell

AcetoMalonekTomaz2014, *A unified matrix approach to the representation of Appell polynomials*, arXiv (3 Jun 2014), aXv>

[aXv>](#)

Anshelevich2009a, *Appell polynomials and their relatives II. Boolean theory*, Indiana Univ. Math. J. **58** (2009), 929-968, [nat>](#)

Anshelevich2009b, *Appell polynomials and their relatives III. Conditionally free theory*, Illinois J. Math. Vol. 53, No. 1, Spring 2009, 39-66, [nat>](#)

BrettiNataliniRicci2004, *Generalizations of the Bernoulli and Appell polynomials*, Abstr. Appl. Anal. 2004:7 (2004) 613-623, [gen>](#)

Carlitz1963b, *Products of Appell polynomials*, Collect. Math. (1963) Vol. 15, Issue: 3, 245-258, [gen>](#)

CostabileLongo2012, *Algebraic theory of Appell polynomials with application general linear interpolation problem*, Linear Algebra-Theorems and Applications, Edit. by H. A. Yasser, Publ.: InTech, [gen>](#)

HassenNguyen2008, *Hypergeometric Bernoulli polynomials and Appell sequences*, Int. J. Number Theory, Vol. 04, Issue 05, Oct 2008, [gen>](#)

HuKim2014, *On hypergeometric Bernoulli numbers and polynomials*, arXiv (21 Aug 2014), [aXv>](#)

KeleshteriMahmudov2015, *A q -umbral approach to q -Appell polynomials*, arXiv (19 May 2015), [aXv>](#)

LiuPanZhang2014, *On the integral of the product of the Appell polynomials*, Integral Transforms Spec. Funct. Vol.25, Issue 9, 2014, [gen>](#)

MaldonadoPradaSenosiain2007, *Basic Appell sequences*, Taiwanese J. of Math. Vol. 11, No. 4, 1045-1055, 2007, [nat>](#)

MaroniMejri2005, *Generalized Bernoulli polynomials revisited and some other Appell sequences*, Georgian Math. J. Vol. 12

(2005), Number 4, 697-716, [nat>](#)

Tempesta2008, *On Appell sequences of polynomials of Bernoulli and Euler type*, J. Math. Anal. Appl. Vol. 341, Issue 2, May 2008, 1295-1310, [nat>](#)

Vidunas2009, *Specialization of Appell's functions to univariate hypergeometric functions*, arXiv(17 Oct 2009), [aXv>](#)

array type polynomials

Simsek2013a, *Generating function for generalized Stirling type numbers, array type polynomials, Eulerian type polynomials and their applications*, Fixed Point Theory Appl. 2013, 2013: 87, [aXv>](#)

Askey scheme

Ben CheikhLamiri0uni2009, *On Askey-scheme and d -orthogonality, I: A characterization theorem*, J. Comp. Appl. Math. Vol. 233, Issue 3, 1 Dec 2009, 621-629, [jou>](#)

Koornwinder1988, *Group theoretic interpretation of Askey's scheme of hypergeometric orthogonal polynomials*, Lecture Notes in Math. Vol. 1329, 1988, 46-72, [jou>](#)

Koornwinder2005b, *Nico Temme, the Askey scheme and me, 1968–2005*, published in *Liber Amicorum voor Nico Temme*, CWI, Amsterdam, 2005, 125-131, [gen>](#)

YanallahZahaf2007, *New connection formulae for some q -orthogonal polynomials in q -Askey scheme*, arXiv (21 Nov 2007), [aXv>](#)

Askey-Wilson

Galiffa0ng2014, *A characterization of an Askey–Wilson difference equation*, J. Difference Equ. Appl. Vol. 20, Issue 9, 2014, [jou>](#)

IsmailRahman1991, *The associated Askey-Wilson polynomials*, Trans. Amer. Math. Soc. Vol. 328, No. 1, (Nov 1991), 201-237, [nat>](#)

KoelinkStokman1999, *The Askey-Wilson function transform scheme*, arXiv (23 Dec 1999), [aXv>](#)

Koornwinder2007, *The structure relation for Askey-Wilson polynomials*, J. Comp. Appl. Math. Vol. 207, Issue 2, Oct 2007, 214-226, [jou>](#)

Koornwinder2012, *Askey-Wilson polynomial*, V.2012 Scholarpedia, 7(7): 7761, [gen>](#)

VinetZhedanov2008, *Generalized Bochner theorem: Characterization of the Askey-Wilson polynomials*, J. Comp. Appl. Math. Vol. 211, Issue 1, Jan 2008, 45-56, [jou>](#)

Askey-Wilson algebra

Terwilliger2011, *The universal Askey-Wilson algebra*, SIGMA Symmetry Integrability Geom. Methods Appl. 7 (2011), 069, 24 p, [gen>](#)

Barnes - type

Kim D.S.Kim T.2014a, *Barnes-type Narumi polynomials*, Adv. Difference Equ. 2014, 2014: 182, [gen>](#)

Kim D.S.Kim T.KomatsuSeo2014, *Barnes-type Daehee polynomials*, arXiv (14 Jan 2014), [aXv>](#)

Kim2009b, *Barnes type multiple q -zeta functions and q -Euler polynomials*, arXiv (28 Dec 2009), [aXv>](#)

KimSimsek2005, *Barnes' type multiple Changhee q -zeta functions*, arXiv (10 Feb 2005), [aXv>](#)

basis

BostanSalvySchost2008, *Power series composition and change of basis*, arXiv (15 Apr 2008), [aXv>](#)

FoataZeilberger1991, *Multibasic Eulerian polynomials*, Trans. Amer. Math. Soc. Vol. 328, No. 2, (Nov 1991), 843-862, [nat>](#)

Ozarslan2013, *Hermite-based unified Apostol-Bernoulli, Euler and Genocchi polynomials*, Adv. Difference Equations 2013, **2013**: 116, [gen>](#)

SrivastavaOzarslanYilmaz2014, *Some families of differ. equat. assoc. with the Hermite-based Appell polyn. and other classes of Hermite-based polyn.*, Filomat 28: 4 (2014), 695–708, [gen>](#)

Bell

Aigner1999b, *A characterization of the Bell numbers*, Discrete Math. Vol. 205, Issues 1–3, Jul 1999, 207-210, [gen>](#)

BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)

Corcino R.B.Corcino C.B.2011, *On generalized Bell polynomials*, Discrete Dyn. Nat. Soc. Vol. 2011 (2011), Article ID 623456, 21 p, [gen>](#)

Corcino R.B.Jaylo-CamposMacodi-Ringia2014, *On noncentral Bell numbers and their Hankel transforms*, TurkishJ. of Analysis and Number Theory 2014, Vol. 2, No. 2, 28-35, [nat>](#)

EnnekingAhuja1976, *Generalized Bell numbers*, FibonacciQuart. 1976 (14,1): 67-73, [fibqy>](#)

Howard1979, *Bell polynomials and degenerate Stirling numbers*, Rend. Semin. Mat. Univ. Padova, tome 61 (1979), 203-219, [nat>](#)

Katriel2008, *On a generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.3.8, [jis>](#)

Katriel2008, *On a generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.3.8, [jis>](#)

LiuWang W.2012, *Harmonic number identities via hypergeometric series and Bell polynomials*, Integral Transforms Spec. Funct. Vol. 23, Issue 1, 2012, [gen>](#)

MansourSchorkShattuck2012, *The generalized Stirling and Bell numbers revisited*, J. Integer Seq., Vol. 15 (2012), Article 12.8.3, [jis>](#)

MansourShattuck2011, *A recurrence related to the Bell numbers*, Integers 11 (2011), [gen>](#)

Mezò2011, *The r-Bell numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.1.1, [jis>](#)

Mezò2012, *The dual of Spivey's Bell number formula*, J. Integer Seq. Vol. 15 (2012), Article 12.2.4, [jis>](#)

MihoubiBelbachir2014, *Linear recurrences for r-Bell polynomials*, J. Integer Seq. Vol. 17 (2014), Article 14.10.6, [jis>](#)

NataliniRicci2006, *Laguerre-type Bell polynomials*, Int. J. Math. Math. Sci. Vol. 2006, Article ID 45423, 1-7, [gen>](#)

Shallit1980, *A triangle for the Bell numbers*, Fibonacci Quart. 18th anniversary volume: 69-70, [fibqy>](#)

SixdeniersPensonSolomon2001, *Extended Bell and Stirling numbers from hypergeometric exponentiation*, J. Integer Seq. Vol. 4 (2001), Article 01.1.4, [jis>](#)

Spivey2008, *A generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.2.5, [jis>](#)

Sun Z-W.Zagi2011, *On a curious property of Bell numbers*,

Bull. Aust. Math. Soc. 84 (2011), no. 1, 153-158, [nat>](#)

Wang W.Wang T.2007, *Matrices related to the Bell polynomials*, Linear Algebra Appl. Vol. 422, Issue 1, Apr 2007, 139-154, [gen>](#)

Wang W.Wang T.2008a, *Identities via Bell matrix and Fibonacci matrix*, Discrete Appl. Math. Vol. 156, Issue 14, 28 Jul 2008, 2793-2803, [gen>](#)

Wang W.Wang T.2009, *Identities on Bell polynomials and Sheffer sequences*, Discrete Math. Vol. 309, Issue 6, 6 Apr 2009, 1637-1648, [gen>](#)

Bernoulli

AlexanderZagier1991, *The entropy of a certain infinitely convolved Bernoulli measure*, J. London Math. Soc. Vol. s2-44, Issue 1 (Aug 1991), 121-134, [jou>](#)

AraciAcikgozBagdasaryanSen2013, *The Legendre polynomials associated with Bernoulli, Euler, Hermite and Bernstein polynomials*, Turkish J. Anal. Number Theory, 2013, Vol. 1, No. 1, 1-3, [nat>](#)

Carlitz1954, *q-Bernoulli and Eulerian numbers*, Trans. Amer. Math. Soc. Vol. 76, No. 2 (Mar 1954), [nat>](#)

Cheon G-S.2003, *A note on the Bernoulli and Euler polynomials*, Appl. Math. Letters Vol. 16, Issue 3, Apr 2003, 365–368, [gen>](#)

GouldQuaintance2014, *Bernoulli numbers and a new binomial transform identity*, J. Integer Seq. Vol. 17 (2014), Article 14.2.2, [jis>](#)

Kim2010a, *q-Bernstein polynomials, q-Stirling numbers and q-Bernoulli polynomials*, arXiv (26 Aug 2010), [aXv>](#)

Kim2010b, *A note on q-Bernstein polynomials*, arXiv (1 Sep 2010), [aXv>](#)

KimKimLeeRyoo2010, *Some Identities of Bernoulli numbers and polynomials associated with Bernstein polynomials*, Adv. Difference Equ. Vol. 2010, Article ID 305018, 7 p, [gen>](#)

Bernstein

AraciAcikgozBagdasaryanSen2013, *The Legendre polynomials associated with Bernoulli, Euler, Hermite and Bernstein polynomials*, Turkish J. Anal. Number Theory, 2013, Vol. 1, No. 1, 1-3, [nat>](#)

Cardenas-MoralesGarrancoRasa2011, *Bernstein-type operators which preserve polynomials*, Comput. Math. Appl. 62 (2011) 158–163, [gen>](#)

Kim2010a, *q-Bernstein polynomials, q-Stirling numbers and q-Bernoulli polynomials*, arXiv (26 Aug 2010), [aXv>](#)

Kim2010b, *A note on q-Bernstein polynomials*, arXiv (1 Sep 2010), [aXv>](#)

Kim2013, *Some identities on the Bernstein and q-Genocchi polynomials*, Bull. Korean Math. Soc. 50 (2013), No. 4, 1289-1296, [nat>](#)

KimKimLeeRyoo2010, *Some Identities of Bernoulli numbers and polynomials associated with Bernstein polynomials*, Adv. Difference Equ. Vol. 2010, Article ID 305018, 7 p, [gen>](#)

LavertuLevesque1985, *On Bernstein's combinatorial identities*, Fibonacci Quart. 1985 (23,4): 347-355, [fibqy>](#)

Ostrovaska2007, *The approximation of logarithmic function by q-Bernstein polynomials in the case $q > 1$* , Numer Algor (Jan 2007) Vol. 44, Issue 1, 69-82, [gen>](#)

Simsek2013c, *Unification of the Bernstein-type polynomials and their applications*, Bound. Value Probl. 2013, 2013: 56, [gen>](#)

Veteleanu2010, *About q-Bernstein polynomials*,

Revista Electronică MateInfo.ro Septembrie 2010, [gen>](#)

Waldron2005, *On the Bernstein–Bézier form of Jacobi polynomials on a simplex*, Technical Report-10/14/2005 Dept. of Math., Univ. of Auckland, New Zealand, [nat>](#)

Bessel

Al-JarrahDempseyGlasser2002, *Generalized series of Bessel functions*, J. Comp. Appl. Math. 143 (2002) 1-8, [jou>](#)

Carlitz1964, *The coefficients of the reciprocal of a Bessel function*, Proc. Amer. Math. Soc. Vol. 15, No. 2 (Apr 1964), 318-320, [nat>](#)

ChenIsmailMuttalib1994, *Asymptotics of basic Bessel functions and q -Laguerre polynomials*, J. Comput. Appl. Math. Vol. 54, Issue 3, Oct 1994, 263-272, [jou>](#)

ChenSrivastava1993, *A note on certain generating functions for the generalized Bessel polynomials*, J. Math. Anal. Appl. **180**, 151-159 (1993), [jou>](#)

CiccoliKoelinkKoorwinder1998, *q -Laguerre polynomials and big q -Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [aXv>](#)

DattoliMiglioratiSrivastava2004, *Some families of generating functions for the Bessel and related functions*, Georgian Math. J. Vol. 11 (2004), No. 2, 219-228, [nat>](#)

Dhaouadi2013, *On the q -Bessel Fourier transform*, Bull. Math. Anal. Appl. Vol. 5 Issue 2 (2013), 42-60, [nat>](#)

Kar1996, *On a general class of generating functions involving modified Bessel polynomials*, Bulletin Calcutta Math. Soc. Vol. 88, No. 5, Oct 1996, Article No. 51, 363-366, [nat>](#)

LinChenSrivastava2003, *Certain classes of finite-series relationships and generating Bessel polynomials*, Appl. Math.

Comput. Vol. 137, Issues 2–3, 25 May 2003, 261-275, [gen>](#)

PatilThakare1976b, *Some generating functions in unified form for the classical orthogonal polynomials and Bessel polynomials*, Indian J. Pure Appl. Math. 1976 (8,1): 94-102, [nat>](#)

PurohitKalla2007, *On q -Laplace transforms of the q -Bessel functions*, Fract. Calc. Appl. Anal. Vol. 10, No. 2, (2007), 189-196, [gen>](#)

Yang S-l.Zheng2013a, *A determinant expression for the generalized Bessel polynomials*, J. of Applied Math. Vol. 2013 (2013), Article ID 242815, 6 p, [jou>](#)

Bessel big q -analogues

CiccoliKoelinkKoorwinder1998, *q -Laguerre polynomials and big q -Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [aXv>](#)

Binet formula

BernoussiMottaRachidiSaeki2001, *Approximation of infinite generalized Fibonacci sequences and their asymptotic Binet formula*, Fibonacci Quart. 2001 (39,2): 168-180, [fibqy>](#)

Brousseau1969a, *Linear recursion relations Lesson Three – The Binet formulas*, Fibonacci Quart. 1969 (7,1): 99-104, [fibqy>](#)

DresdenDu2014, *A simplified Binet formula for k -generalized Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.7, [jis>](#)

EdsonYayenie2009, *A new generalization of Fibonacci sequence and extended Binet's formula*, Integers 9 (2009), 639-654, [gen>](#)

KappraffAdamson2004, *Generalized Binet formulas, Lucas polynomials, and cyclic constants*, Forma 19, 355-366, 2004, [gen>](#)

Kiliç2008, *The Binet formula, sums and representations of generalized Fibonacci p-numbers*, European J. Combin. Vol. 29, Issue 3, Apr 2008, 701-711, [gen>](#)

KiliçTasci2006, *The generalized Binet formula, representation and sums of the generalized order-k Pell numbers*, Taiwanese J. of Math. Vol. 10, No. 6, 1661-1670, Dec 2006, [nat>](#)

LeeLeeKimShin2001, *The Binet formula and representations of k-generalized Fibonacci numbers*, Fibonacci Quart. 2001 (39,2): 158-164, [fibqy>](#)

Mahajan2014, *The Binet forms for the Fibonacci and Lucas numbers*, Int. J. of Math. Trends and Technology Vol.10, No. 1, Jun 2014, [gen>](#)

StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers*, Chaos, Soliton and Fractals, Vol. 27, Issue 5, Mar 2006, 1162-1177, [gen>](#)

binomial

Amghibech2007, *On sums involving binomial coefficients*, J. Integer Seq. Vol. 10 (2007), Article 07.2.1, jis> [gen>](#)

Andrews1990, *Euler's "Exemplum Memorabile Induction Fallacis" and q-trinomial coefficients*, J. Amer. Math. Soc. Vol. 3, No. 3, Jul 1990, nat>

Azarian2012a, *Fibonacci identities as binomial sums*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 38, 1871-1876, [gen>](#)

Azarian2012b, *Fibonacci identities as binomial sums II*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 42, 2053-2059, [gen>](#)

Azarian2012c, *Identities involving Lucas or Fibonacci and Lucas numbers as binomial sums*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 45, 2221-2227, [gen>](#)

BelbachirMihoubi2015, *The (exponential) multipartitional polynomials and polynomial sequences of multinomial type, Part II*, Arab J. Math. Sci. Vol. 21, Issue 1, Jan 2015, 2-14, [nat>](#)

BelbachirRahmaniSury2011, *Sums involving moments of reciprocals of binomial coefficients*, J. Integer Seq. Vol. 14 (2011), Article 11.6.6, [jis>](#)

BelbachirRahmaniSury2012, *Alternating sums of the reciprocals of binomial coefficients*, J. Integer Seq. Vol. 15 (2012), Article 12.2.8, [jis>](#)

BenjaminRouse2004, *Recounting binomial Fibonacci identities*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 25-28, [gen>](#)

Benoumhani2003, *A sequence of binomial coefficients related to Lucas and Fibonacci numbers*, J. Integer Seq. Vol. 6 (2003), Article 03.2.1, [jis>](#)

BensonRatcliff2009, *Combinatorial properties of generalized binomial coefficients*, Contemp. Math. 2009, vol. 491, 141-150, [gen>](#)

Boyadzhiev2012, *Series with central binomial coefficients, Catalan numbers, and harmonic numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.1.7, [jis>](#)

Carlitz1976a, *Some binomial sums*, Fibonacci Quart. 1976 (14,3): 249-253, [fibqy>](#)

Carlitz1976b, *Some sums of multinomial coefficients*, Fibonacci Quart. 1976 (14,5): 427-438, [fibqy>](#)

Cooper2013, *The q-binomial theorem*, Auckland Mathematical Association, HoD Day, 17 May 2013, [nat>](#)

Duarte, de Oliveira2013, *Note on the convolution of binomial coefficients*, J. Integer Seq. Vol. 16 (2013), Article 13.7.6, [jis>](#)

Dzhumadil'daevYeliussizov2013, *Power sums of binomial coefficients*, J. Integer Seq. Vol. 16 (2013), Article 13.1.4, [jis>](#)

Elsner2005, *On recurrence formulae for sums involving binomial coefficients*, Fibonacci Quart. 2005 (43,1): 31-45, [fibqy>](#)

Gould1967, *The Bracket function, q-binomial coefficients, and some new Stirling number formulas*, Fibonacci Quart. 1967 (5,5): 401-423, [fibqy>](#)

Gould1974, *The design of the four binomial identities: Moriarty intervenes*, Fibonacci Quart. 1974 (12,3): 300-308, [fibqy>](#)

GouldQuaintance2014, *Bernoulli numbers and a new binomial transform identity*, J. Integer Seq. Vol. 17 (2014), Article 14.2.2, [jis>](#)

Hodel1974, *Combinatorial interpretation of an analog of generalized binomial coefficients*, Fibonacci Quart. 1974 (12,4): 360-362, [fibqy>](#)

Hoggatt, Jr.1967, *Fibonacci numbers and generalized binomial coefficients*, Fibonacci Quart. 1967 (5,4): 383, [fibqy>](#)

JouhetLassZeng2003, *Sur une généralisation des coefficients binomiaux*, arXiv (3 Mar 2003), [aXv>](#)

KyriakoussisVamvakari2007, *Asymptotic behaviour of a q-binomial type distribution based on q Krawtchouk orthogonal polynomials*, J. Comput. Anal. Appl. Vol. 8, No. 1, 2007, [jou>](#)

Loeb1992, *A generalization of the binomial coefficients*, Discrete Math. Vol. 105, Issues 1-3, 14 Aug 1992, 143-156, [gen>](#)

MihoubiMaamra2011, *Touchard polynomials, partial Bell polynomials and polynomials of binomial*

type, J. Integer Seq. Vol. 14 (2011), Article 11.3.1, [jis>](#)

Nguyen2013, *Generalized binomial expansions and Bernoulli polynomials*, Integers 13 (2013), [gen>](#)

Roman1992, *The logarithmic binomial formula*, Amer. Math. Monthly, Vol. 99, No. 7 (Aug. – Sep., 1992), 641-648, [nat>](#)

RotaShenTaylor1997, *All polynomials of binomial type are represented by Abel polynomials*, Annali della Scuola Normale Superiore di Pisa – Classe di Scienze 25.3-4 (1997): 731-738, [nat>](#)

Sofo2008a, *Double sums of binomial coefficients*, Int. Math. Forum, 3, 2008, no. 31, 1501-1512, [gen>](#)

Sofo2008b, *Sums of reciprocals of triple binomial coefficients*, Int. J. Math. Math. Sci. Vol. 2008, Article ID 794181, 11 p, [gen>](#)

Sofo2011b, *Integral identities for rational series involving binomial coefficients*, Bull. Malays. Math. Sci. Soc. (2) **34(3)** (2011), 631–637, [nat>](#)

SpiveySteil2006, *The k-binomial transforms and the Hankel transform*, J. Integer Seq. Vol. 9 (2006), Article 06.1.1, [jis>](#)

Stam1988, *Polynomials of binomial type and compound Poisson processes*, J. Math. Anal. Appl. Vol. 130, Issue 2, Mar 1988, 493-08, [jou>](#)

Strehl1994, *Binomial identities – combinatorial and algorithmic aspects*, Discrete Math. Vol. 136, Issues 1–3, 31 Dec1994, 309-346, [gen>](#)

Sun Z-H.2001a, *Invariant sequences under binomial transformation*, Fibonacci Quart. 2001 (39,4): 324-333, [fibqy>](#)

Sun Z-W.2002, *On the sum $\sum_{k=r}^n \binom{n}{k} \pmod{m}$ binomial(n,k) and related congruences*, Israel J. Math. 128 (2002), 135-156, [nat>](#)

Sun Z-W.2010b, *Binomial coefficients, Catalan numbers and Lucas quotients*, Sci. China Math. 53 (2010), no. 9, 2473-2488, [nat>](#)

Sun Z-W.Tauraso2007, *Congruences for sums of binomial coefficients*, J. Number Theory, Vol. 126, Issue 2, Oct 2007, 287-296, [jou>](#)

Sun Z-W.Tauraso2011, *On some new congruences for binomial coefficients*, Int. J. Number Theory, 07 (2011), No. 3, 645-662, [gen>](#)

Szablowski2014, *A few remarks on Euler and Bernoulli polyn. and their connections with binom. coef. and modified Pascal matrices*, Math. Aeterna, Vol. 4, 2014, no. 1, 83-88, [gen>](#)

Trif2000, *Combinatorial sums and series involving inverses of binomial coefficients*, Fibonacci Quart. 2000 (38,1): 79-83, [fibqy>](#)

Wang Yi2005, *Self-inverse sequences related to a binomial inverse pair*, Fibonacci Quart. 2005 (vol.43 ,1): 46-52, [fibqy>](#)

Yang J-H.Zhao2006, *Sums involving the inverses of binomial coefficients*, J. Integer Seq. Vol. 9 (2006), Article 06.4.2, [jis>](#)

Brownian motion, Brownian motion q-analogue

AbateWhitt2011, *Brownian Motion and the generalized Catalan numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.2.6, [jis>](#)

BassoNardon, *Brownian motion*, Dept. of Applied Mathematics University Ca' Foscari Venice, [nat>](#)

BianePitmanYor2001, *Probability laws related to the Jacobi theta and Riemann z functions, and Brownian motion excursions*, Bull. Amer. Math. Soc. (N.S.) Vol. 38, no. 4, 435-465, [nat>](#)

Bryc2014, *On integration with respect to the q-Brownian motion*, Statist. Probab. Lett. 94 (2014) 257-266, [gen>](#)

Herzog2013, *Brownian motion and Poisson process*, Stochastische Systeme, 2013, [gen>](#)

Catalan

AbateWhitt2011, *Brownian Motion and the generalized Catalan numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.2.6, [jis>](#)

Bouras2013, *A new characterization of Catalan numbers related to Hankel transforms and Fibonacci numbers*, J. Integer Seq. Vol. 16 (2013), Article 13.3.3, [jis>](#)

Boyadzhiev2012, *Series with central binomial coefficients, Catalan numbers, and harmonic numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.1.7, [jis>](#)

Callan2005, *A combinatorial interpretation for a super-Catalan recurrence*, J. Integer Seq. Vol. 8 (2005), Article 05.1.8, [jis>](#)

Cigler2013, *Some remarks about q-Chebyshev polynomials and q-Catalan numbers and related results*, arXiv (? 2013), [aXv>](#)

Elezovic2014, *Asymptotic expansions of central binomial coefficients and Catalan numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.2.1, [jis>](#)

NkwantaBarnes2012, *Two Catalan-type Riordan arrays and their connections to the Chebyshev polyn. of the first kind*, J. Integer Seq. Vol. 15 (2012), Article 12.3.3, [jis>](#)

NkwantaTefera2013, *Curious relations and identities involving the Catalan generating function*

and numbers, J. of Integer Seq. Vol. 16 (2013), Article 13.9.5, [jis>](#)

Rogers1978, *Pascal triangles, Catalan numbers and renewal arrays*, DiscreteMath. Vol. 22, Issue 3, 1978, 301–310, [gen>](#)

Sun Z-W.2010b, *Binomial coefficients, Catalan numbers and Lucas quotients*, Sci. China Math. 53 (2010), no. 9, 2473–2488, [nat>](#)

Cauchy

BertolaGekhtmanSzmigielski2010, *Cauchy biorthogonal polynomials*, J. Approx. Theory Vol. 162, Issue 4, Apr 2010, 832-867, [jou>](#)

CandelpergherCoppo2012, *A new class of identities involving Cauchy numbers, harmonic numbers and zeta values*, Ramanujan J. April 2012, Volume 27, Issue 3, 305-328, [gen>](#)

KamanoKomatsu2013, *Poly-Cauchy polynomials*, Moscow J. of Combin. and Number Theory 2013, Vol. 3, Issue 2, 61-87 [181-207], [nat>](#)

KimKim2013c, *Higher -order Cauchy of the first kind and poly-Cauchy of the first kind mixed type polynomials*, arXiv (9 Aug 2013), [aXv>](#)

KimKim2013e, *Poisson-Charlier and poly-Cauchy mixed-type polynomials*, arXiv (4 Sep 2013), [aXv>](#)

KimKim2013g, *Higher-order Cauchy numbers and polynomials*, arXiv (12 Oct 2013), [aXv>](#)

Komatsu2013a, *Poly-Cauchy numbers*, Kyushu J. Math. 67 (2013), 143-153, [nat>](#)

Komatsu2013b, *Sums of products of Cauchy numbers, including poly-Cauchy numbers*, J. Discrete Math. Vol, 2013 (2013), Article ID 373927, 10 p, [jou>](#)

Komatsu2013c, *Poly-Cauchy numbers and poly-Bernoulli numbers*,
xxxx, [XXXX>](#)

KomatsuLaohakosolLiptal2013, *A generalization of poly-Cauchy numbers and their properties*, Abstr.
Appl. Anal. Vol. 2013 (2013), Article ID 179841, 8 p, [gen>](#)

KomatsuLuca2013, *Some relationships between poly-Cauchy numbers and poly-Bernoulli numbers*, Ann. Math. Inform.
41 (2013) 99-105, [gen>](#)

LiuQiDing2010, *Some recurrence relations for Cauchy numbers of the first kind*, J. Integer Seq. Vol. 13 (2010), Article
10.3.8, [jis>](#)

MerliniSprugnoliVerri2006, *The Cauchy numbers*, Discrete Math. Vol. 306, Issue 16, Aug 2006, 1906-1920, [gen>](#)

central coefficients

Barry2013a, *On the central coefficients of Riordan matrices*, J. Integer Seq. Vol. 16 (2013), Article 13.5.1, [jis>](#)

BlasiakDattoliHorzelaPensonZhukovsky2008, *Motzkin numbers, central trinomial coefficients and hybrid polyn.*, J. Integer Seq. Vol. 11 (2008), Article 08.1.1, [jis>](#)

Boyadzhiev2012, *Series with central binomial coefficients, Catalan numbers, and harmonic numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.1.7, [jis>](#)

Elezovic2014, *Asymptotic expansions of central binomial coefficients and Catalan numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.2.1, [jis>](#)

GuoZeng2012, *New congruences for sums involving Apéry numbers or central Delannoy numbers*, arXiv (25 May 2012), [aXv>](#)

Hetyei2006a, *Central Delannoy numbers and balanced Cohen-Macaulay complexes*, Ann. Comb. 10 (2006) 443-462, [gen>](#)

Hetyei2006b, *Central Delannoy numbers, Legendre polynomials, and a balanced join operation preserving the Cohen-Macaulay property*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

Kruchinin D.Kruchinin V.2012, *A method for obtaining generating functions for central coefficients of triangles*, J. Integer Seq., Vol. 15 (2012), Article 12.9.3, [jis>](#)

Mikic2016, *A Proof of a Famous Identity Concerning the Convolution of the Central Binomial Coefficients*, J. Integer Seq. Vol. 19 (2016), Article 16.6.6, [jis>](#)

Noe2006, *On the divisibility of generalized central trinomial coefficients*, J. of Integer Seq., Vol. 9 (2006), Article 06.2.7, [jis>](#)

PetkovicRajkovicBarry2011, *The Hankel transform of generalized central trinomial coefficients and related sequences*, Integral Transforms Spec. Funct. 2011 (vol.22,1): 29-44, [gen>](#)

Robbins1987, *Representing binom $\binom{2n}{n}$ as a sum of squares*, Fibonacci Quart. 1987 (25,1): 29-33, [fibqy>](#)

Romik2003, *Some formulas for the central trinomial and Motzkin number*, J. Integer Seq. Vol. 6 (2003), Article 03.2.4, [jis>](#)

Sprugnoli2006, *Sums of reciprocals of the central binomial coefficients*, Integers 6 (2006), [gen>](#)

Sprugnoli2012, *Alternating weighted sums of inverses of binomial coefficients*, J. Integer Seq. Vol. 15 (2012), Article 12.6.3, [jis>](#)

Sulanke2003, *Objects counted by the central Delannoy numbers*, J. Integer Seq. Vol. 6 (2003), Article 03.1.5, [jis>](#)

Sun Z-W.2010a, *On Apéry numbers and generalized central*

trinomial coefficients, arXiv (19 Aug 2010), [aXv>](#)

Sun Z-W.2011c, *On congruences related to central binomial coefficients*, J. Number Theory, 131 (2011), no. 11, 2219-2238, [jou>](#)

Sun Z-W.2014, *Congruences involving generalized central trinomial coefficients*, Sci. China Math. 2014, Vol. 57, Issue 7, 1375-1400, [nat>](#)

central factorial numbers

Charalambides1981, *Central factorial numbers and related expansions*, Fibonacci Quart. 1981 (19,5): 451-455, [fibqy>](#)

KangRyoo2013, *A research on a certain family of numbers and polynomials related to Stirling numbers, central factorial numbers, and Euler numbers*, J. Appl. Math. Vol. 2013 (2013), Article ID 158130, 10 p, [jou>](#)

Chan-Chyan-Srivastava

SrivastavaNisarKhan2014, *Some umbral calculus presentations of the Chan-Chyan-Srivastava polyn. and the Erkus-Srivastava polyn.*, Proyecciones, Vol. 33, No 1, 77-90, Mar 2014, [gen>](#)

Charlier de

MedicisStantonWhite1995, *The combinatorics of q-Charlier polynomials*, J. Comb. Theory Ser. A, Vol. 69, Issue 1, Jan 1995, 87-114, [jou>](#)

KimStantonZeng2006, *The combinatorics of the Al-Salam-Chihara q-Charlier polynomials*, Sém. Lothar. Combin 54 (2006), Article B54i, [gen>](#)

Shibukawa2014, *Multivariate Meixner, Charlier and Krawtchouk polynomials*, arXiv (29 Apr 2014), [aXv>](#)

Zeng J.1995, *The q-Stirling numbers, continued fractions and*

the q-Charlier and q-Laguerre polyn., J. Comp. Appl. Math. Vol. 57, Issue 3, Feb 1995, 413-424, [aXv>](#)

Chebyshev (Tschebyscheff)

AharonovBeardonDriver2005, *Fibonacci, Chebyshev, and orthogonal polynomials*, Amer. Math. Monthly Vol. 112, No. 7 (2005), 612-630, [nat>](#)

Barry2009c, *Symmetric third-order recurring sequences, Chebyshev polynomials, and Riordan arrays*, J. Integer Seq. Vol. 12 (2009), Article 09.8.6, [jis>](#)

BenjaminEricksenJayawantShattuck2010, *Combinatorial trigonometry with Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2157-2160, [jou>](#)

BenjaminWalton2009, *Counting on Chebyshev polynomials*, Mathematics Magazine, Vol. 82, No. 2, 117-126. Apr 2009, [gen>](#)

BenjaminWalton2010, *Combinatorially composing Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2161-2167, [jou>](#)

BergumWagnerHoggatt, Jr.1975, *Chebyshev polynomials and related sequences*, Fibonacci Quart. 1975 (13,1): 19-24, [fibqy>](#)

BoyadjievScherer2001, *On the Chebyshev polynomials*, Kuwait J. Sci. Eng. **28**(2) 2001, [nat>](#)

Buschman1963, *Fibonacci numbers, Chebyshev polynomials, generalizations and difference equations*, Fibonacci Quart. 1963 (1,4): 1-7, [fibqy>](#)

ChenGriffinIsmail2007, *Generalizations of Chebyshev polynomials and polynomial mappings*, Trans. Amer. Math. Soc. Vol. 359, No. 10, Oct 2007, 4787-4828, [nat>](#)

ChenMansourZou2012, *Embedding distributions and Chebyshev polynomials*, Graphs and

Combinatorics Vol. 28, Issue 5 , 597-614, [gen>](#)

Cigler2013, *Some remarks about q -Chebyshev polynomials and q -Catalan numbers and related results*, arXiv (? 2013), [aXv>](#)

Dragomir2014, *Approximating the Riemann-Stieltjes integral via a Chebyshev type functional*, Acta Comment. Univ. Tartu. Math. Vol. 18, Number 2, 2014, [nat>](#)

Edge2007, *Restricted colored permutations and Chebyshev polynomials*, Discrete Math. Vol. 307, Issue 14, 28 Jun 2007, 1792-1800, [gen>](#)

ElizaldeMansour2005, *Restricted Motzkin permutations, Motzkin paths, continued fractions, and Chebyshev polynomials*, Discrete Math. 305 (2005) 170-189, [gen>](#)

FaberLiesenTichy2010, *On Chebyshev polynomials of matrices*, SIAM J. Matrix Anal. Appl. 2010, [gen>](#)

GoginHirvensalo2007, *On the generating function of discrete Chebyshev polynomials*, Turku Centre for Computer Science, TUCS Technical Report No 819, Apr 2007, [nat>](#)

Horadam1969, *Tschebyscheff and other functions associated with the sequence $\{W_n(a,b;p,q)\}$* , Fibonacci Quart. 1969 (7,1): 14-22, [fibqy>](#)

Jaiswal1974, *On polynomials related to Tchebichef polynomials of the second kind*, Fibonacci Quart. 1974 (12,3): 263-264, [fibqy>](#)

Kimberling1980a, *Mixing properties of mixed Chebyshev polynomials*, Fibonacci Quart. 1980 (18,4): 332-340, [fibqy>](#)

Kimberling1980b, *Four composition identities for Chebyshev polynomials*, Fibonacci Quart. 1980 (18,4): 353-369, [fibqy>](#)

KimKimLee2014, *Some identities for Bernoulli polynomials involving Chebyshev polynomials*, J. Comput. Anal. Appl. Jan

2014, Vol. 16, Issue 1, 172, [jou>](#)

KimZeng2003, *Combinatorics of generalized Tchebycheff polynomials*, European J. Combin. Vol. 24, Issue 5, Jul 2003, 499-509, [gen>](#)

KitaevMansour2005, *Linear recurrences and Chebyshev polynomials*, Fibonacci Quart. 2005 (43,3): 256-261, [fibqy>](#)

Kuijlaars1995, *Chebyshev-type quadrature and zeros of Faber polynomials*, J. Comput. Appl. Math. Vol. 62, Issue 2, Sep 1995, 155-179, [jou>](#)

Lang1992, *A combinatorial problem in the Fibonacci nb. system and two-variable generalizations of Chebyshev's polyn.*, Fibonacci Quart. 1992 (30,3): 199-210, [fibqy>](#)

LeeWong2011, *On Chebyshev's polynomials and certain combinatorial identities*, Bull. Malays. Math. Sci. Soc. (2) **34**(2) (2011), 279-286, [nat>](#)

Li2014, *On Chebyshev polynomials, Fibonacci polynomials, and their derivatives*, J. Appl. Math. Vol. 2014, Article ID 451953, 8 p, [jou>](#)

MansourVainshtein2000, *Restricted permutations, continued fractions, and Chebyshev polynomials*, Electron. J. Combin. 7 (2000), #R17, [gen>](#)

MansourVainshtein2002, *Restricted permutations and Chebyshev polynomials*, Sémin. Lothar. Combin. 47 (2002), Article B47c, [gen>](#)

MelhamShannon1995c, *On reciprocal sums of Chebyshev related sequences*, Fibonacci Quart. 1995 (33,3): 194-202, [fibqy>](#)

NkwantaBarnes2012, *Two Catalan-type Riordan arrays and their connections to the Chebyshev polyn. of the first kind*, J. Integer Seq. Vol. 15 (2012), Article 12.3.3, [jis>](#)

Pethe1985, *On Lucas fundamental functions and Chebychev polynomial sequences*, Fibonacci Quart. 1985 (23,1): 57-65, [fibqy>](#)

Stankov2013, *On linear combinations of Chebyshev polynomials*, arXiv (9 Nov 2013), [aXv>](#)

Zhang W.2002, *On Chebyshev polynomials and Fibonacci numbers*, Fibonacci Quart. 2002 (40,5): 424-428, [fibqy>](#)

Chebyshev-Boubaker

Barry2013d, *On the connection coefficients of the Chebyshev-Boubaker polynomials*, The Scientific World J. Vol. 2013 (2013), Article ID 657806, 10 p, [gen>](#)

circulant matrices

BottcherGrudskyArellano2004, *Approximating inverses of Toeplitz matrices by circulant matrices*, Methods Appl. Anal. Vol. 11, No. 2, p 211-220, Jun 2004, [gen>](#)

CarliFerrantePavonPicci2013, *An efficient algorithm for maximum entropy extension of block-circulant covariance matrices*, Linear Algebra Appl. Vol. 439, Issue 8, 15 Oct 2013, 2309–2329 arXiv (8 Feb 2013), [aXv>](#)

CivcivTurkmen2007, *Notes on norms of circulant matrices with Lucas number*, Int. J. of Information and Systems Sc. Vol. 4, Number 1, P 142-147, [gen>](#)

GellerKraPopescuSimanca2012, *On circulant matrices*, Preprint, [gen>](#)

KraSimanca2012, *On circulant matrices*, Notices AMS, Vol. 59, Number 3, 2012, [nat>](#)

Tee2007, *Eigenvectors of block circulant and alternating circulant matrices*, New Zealand J. Math. Vol. 36 (2007), 195-211, [nat>](#)

Varga1954, *Eigenvalues of circulant matrices*, Pacific J. Math. Vol. 4, No. 1 May 1954, [nat>](#)

Zellini1979, *On some properties of circulant matrices*, Linear Algebra Appl 26:31-43(1979), [gen>](#)

ZelliniMack1981, *On some theorems on circulant matrices*, Linear Algebra Appl. Vol. 41, Dec 1981, 137-149, [gen>](#)

coefficients method

EhrenborgReaddy2016, *The Gaussian coefficient revisited*, J. Integer Seq. Vol. 19 (2016), Article 16.7.8, [jis>](#)

MerliniSprugnoliVerri2007, *The method of coefficients*, Amer. Math. Monthly, Vol. 114, No. 1 (Jan., 2007), 40-57, [nat>](#)

Szwarc1992, *Connection coefficients of orthogonal polynomials*, Canad. Math. Bull. Vol. 35 (4), 1992, 548-556, [nat>](#)

Cohen-Macaulay property

Hetyei2006a, *Central Delannoy numbers and balanced Cohen-Macaulay complexes*, Ann. Comb. 10 (2006) 443-462, [gen>](#)

Hetyei2006b, *Central Delannoy numbers, Legendre polynomials, and a balanced join operation preserving the Cohen-Macaulay property*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

combinatorial theory

AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, [gen>](#)

AndersonBenjaminRouse2005, *Combinatorial proofs of Fermat's, Lucas's, and Wilson's theorems*, Amer. Math. Monthly, Vol. 112, No. 3, 266-268, Mar 2005, [nat>](#)

AndradeSantosdaSilvaSilva2013, *Polyn. generalizations and combin. interpretations for seq. including the Fibonacci and Pell numbers*, Open J. Discrete Math. 2013, 3, 25-32, [gen>](#)

BelbachirBelkhirBousbaa2014, *Combinatorial approach of certain generalized Stirling numbers*, arXiv (23 Nov 2014), [aXv>](#)

BelbachirBousbaa2014b, *Combinatorial identities for the r-Lah numbers*, Ars Comb. 115: 453-458 (2014), [gen>](#)

BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287-300, [nat>](#)

Belbahri2010, *Scale invariant operators and combinatorial expansions*, Adv. in Appl. Math. Vol. 45, Issue 4, Oct 2010, 548-563, [gen>](#)

BenjaminCameronQuinn2007, *Fibonacci determinants – a combinatorial approach*, Fibonacci Quart. 45(1): 39-55. Claremont Colleges – HMC Faculty Scholarship, [fibqy>](#)

BenjaminDresden2007, *A combinatorial proof of Vandermonde's determinant*, Amer. Math. Monthly, Vol. 114, No. 4, 338-341, Apr 2007, [nat>](#)

BenjaminEricksenJayawantShattuck2010, *Combinatorial trigonometry with Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2157–2160, [jou>](#)

BenjaminPlott2008-2009, *A combinatorial approach to fibonomial coefficients*, Fibonacci Quart. 2008-09 (46-47,1): 7-9, [fibqy>](#)

BenjaminWalton2010, *Combinatorially composing Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2161-2167, [jou>](#)

BensonRatcliff2009, *Combinatorial properties of generalized binomial coefficients*, Contemp. Math. 2009, vol. 491, 141-150, [gen>](#)

BergumHoggatt, Jr.1978, *A combinatorial problem involving recursive sequences and tridiagonal matrices*, Fibonacci Quart. 1978 (16,2): 113-117, [fibqy>](#)

Brietzke2008, *An identity of Andrews and a new method for the Riordan array proof of combinatorial identities*, Discrete Math. Vol. 308, Issue 18, Sep 2008, 4246-4262, [gen>](#)

CakicEl-DesoukyMilovanovic2013, *Explicit formulas and combinatorial identities for generalized Stirling numbers*, Mediterr. J. Math. Feb 2013, Vol. 10, Issue 1, 57-72, [nat>](#)

Callan2005, *A combinatorial interpretation for a super-Catalan recurrence*, J. Integer Seq. Vol. 8 (2005), Article 05.1.8, [jis>](#)

Cameron2011, *Combinatorics with the Riordan Group*, NUMS Conference Reed College, Apr 9, 2011, [gen>](#)

Cameron2013, *Enumerative combinatorics 5: q-analogues*, The LTCC lectures, Autumn 2013, [gen>](#)

CanDagli2014, *Extended Bernoulli and Stirling matrices and related combinatorial identities*, Linea Algebra Appl. Vol. 444, Mar 2014, 114-131 arXiv(4 Dec 2013), [aXv>](#)

CheonKimShapiro2012, *Combinatorics of Riordan arrays with identical A and Z sequences*, Discrete Math. Vol. 312, Issues 12–13, Jul 2012, 2040-2049, [gen>](#)

Chu1994a, *Inversion techniques and combinatorial identities. – A unified treatment for the 7F6-series identities*, Collect. Math. 45, 1 (1994), 13–43, [gen>](#)

Chu1994b, *Inversion techniques and combinatorial identities. Strange evaluations of basic hypergeometric series*, Compos. Math. tome 91, no 2 (1994), 121-144, [gen>](#)

Chu1995, *Inversion techniques and combinatorial identities.*

Jackson's q -analogue of the Dougall-Dixon theorem and the dual formulae, Compos. Math. **95**: 43-68, 1995, [gen>](#)

Chu2002, *Inversion techniques and combinatorial identities: balanced hypergeometric series*, Rocky Mountain J. Math. Vol. 32, No. 2 (2002), 561-588, [nat>](#)

ClarkeHanZen1997, *A combinatorial interpretation of the Seidel generation of q -derangement numbers*, Annals Comb. 1997 Vol. 1, Issue 1, 313-327, [gen>](#)

CohnEvenMengerHooper1962, *On the number of partitionings of a set of n distinct objects*, Amer. Math. Monthly, Vol. 69, No. 8 (Oct 1962), 782-785, [nat>](#)

Corcino, R.B.Fernandez2014, *A combinatorial approach for q -analogue of r -Stirling Numbers*, British J. of Math. and Computer Sci. BJMCS **4** (9), 1268-1279, 2014, [nat>](#)

Huang1997, *Applications of residues to combinatorial identities*, Proc. Amer. Math. Soc. 125 (1997), 1011-1017, [nat>](#)

Kemeny1984, *Matrix representation for combinatorics*, J. Combin. Theory Ser. A, Vol. 36, Issue 3, May 1984, 279–306, [jou>](#)

KimStantonZeng2006, *The combinatorics of the Al-Salam-Chihara q -Charlier polynomials*, Sémin Lothar. Combin 54 (2006), Article B54i, [gen>](#)

KimZeng2003, *Combinatorics of generalized Tchebycheff polynomials*, European J. Combin. Vol. 24, Issue 5, Jul 2003, 499-509, [gen>](#)

Lang2009, *Combinatorial interpretation of generalized Stirling numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.3.3, [jis>](#)

MezòDil2009, *Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence*, Cent. Eur. J. Math. Jun 2009, Vol. 7, Issue 2, 310-321, [gen>](#)

- Riordan1964, *Inverse relations and combinatorial identities*, Amer. Math. Monthly vol.71, No. 5 (May, 1964), 485-498, [nat>](#)
- Rota1996, *Report on the present state of combinatorics*, Discrete Math. 153 (1996), 289-303, [gen>](#)
- RotaKahanerOdlyzko1973, *On the foundations of combinatorial theory. VIII. Finite operator calculus*, J. Math. Anal. Appl. Vol. 42, Issue 3, Jun 1973, 684-760, [jou>](#)
- ShannonOllerton2002, *Combinatorial matrices and linear recursive sequences*, Fibonacci Quart. 2002 (40,5): 417-423, [fibqy>](#)
- Spivey2011, *On solutions to a general combinatorial recurrence*, J. Integer Seq. Vol. 14 (2011), Article 11.9.7, [jis>](#)
- Strehl1994, *Binomial identities – combinatorial and algorithmic aspects*, Discrete Math. Vol. 136, Issues 1–3, 31 Dec1994, 309-346, [gen>](#)
- Sun Z-W.2003a, *Combinatorial identities in dual sequences*, Europ. J. Combin. 24 (2003), 709-718, [gen>](#)
- Sun Z-W.2007, *Combinatorial congruences and Stirling numbers*, Acta Arith. 126 (2007), no. 4, 387-398, [gen>](#)
- Trif2000, *Combinatorial sums and series involving inverses of binomial coefficients*, Fibonacci Quart. 2000 (38,1): 79-83, [fibqy>](#)
- Viennot1983, *Une théorie combinatoire des polynômes orthogonaux généraux*, Notes de conférences données à l'Univ. du Québec à Montréal, [gen>](#)
- Wang Yi.Zhang Z-H.2015, *Combinatorics of generalized Motzkin numbers*, J. Integer Seq. Vol. 18 (2015), Article 15.2.4, [jis>](#)
- Webster1995, *A combinatorial problem with a Fibonacci*

solution, Fibonacci Quart. 1995 (33,1): 26-31, [fibqy>](#)

XiongHallTsao2014, *Combinatorial interpretation of general Eulerian numbers*, J. Discrete Math. Vol. 2014 (2014), Article ID 870596, 6 p, [jou>](#)

ZhangWuyungaowaMa2013, *A class of formal operators for combinatorial identities and its application*, Int. J. of Mathematical, Comput., Physical and Quantum Engineer. Vol. 7, No:3, 2013, [gen>](#)

Comtet

El-DesoukyGomaa2011, *q-Comtet and generalized q-harmonic numbers*, J. Math. Sci .Adv. Appl. Vol. 10, Number 1/2, 2011, 33-52, [jou>](#)

congruences

Adelberg1998, *2-adic congruences of Nörlund numbers and of Bernoulli numbers of the second kind*, J. Number Theory 73, 47-58 (1998), [jou>](#)

Adelberg2000, *Universal higher order Bernoulli numbers and Kummer and related congruences*, J. Number Theory Vol. 84, Issue 1, Sep 2000, 119-135, [jou>](#)

Adelberg2004, *Universal Bernoulli polynomials and p-adic congruences*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 1-8, [gen>](#)

Ballot2014, *On a congruence of Kimball and Webb involving Lucas sequences*, J. Integer Seq. Vol. 17 (2014), Article 14.1.3, [jis>](#)

CenkciKurt2008, *Congruences for generalized q-Bernoulli polynomials*, J. Inequal. Appl. Vol. 2008, Article ID 270713, 19 p, [jou>](#)

ChanManna2010, *Congruences for Stirling numbers of the second*

- kind*, Contemporary Math.-Gems in Experimental Math. Vol. 517, 97-11, [gen>](#)
- Chen2004, *Congruences for Euler numbers*, Fibonacci Quart. 2004 (42,2): 128-140, [fibqy>](#)
- Dilcher2008, *Determinant expressions for q-harmonic congruences and degenerate Bernoulli numbers*, Electron. J. Combin. **15** (2008), [gen>](#)
- Ieronymou2014, *Congruences involving sums of ratios of Lucas sequences*, J. Integer Seq. Vol. 17 (2014), Article 14.8.8, [jis>](#)
- Liu2001, *Identities and congruences involving higher-order Euler-Bernoulli numbers and polynomials*, Fibonacci Quart. 2001 (39,3): 279-284, [fibqy](#)
- Liu2006, *Congruences for higher-order Euler numbers*, Proc. Japan Acad. **82**, Series A, (2006), No. 3, 30-33, [nat>](#)
- NymannSaenz1999, *Eulerian numbers: inversion formulas and congruences modulo a prime*, Fibonacci Quart. 1999 (37,2): 154-161, [fibqy>](#)
- Pilehrood Kh.Pilehrood T.Tauraso2012, *Congruences concerning Jacobi polynomials and Apéry polynomials and Apéry-like formulae*, Int. J. Number Theory, 8 (2012), no. 7, 1789–1811, [gen>](#)
- Sburlati2002, *Generalized Fibonacci sequences and linear congruences*, Fibonacci Quart. 2002 (40,5): 446-452, [fibqy>](#)
- ShannonCookHillman2013, *Some aspects o Fibonacci polynomial congruences*, Ann. Math. Inform. 41 (2013), 211–217 Proc. of the 15th Int. Conf. on Fib. nbs. and their Appl., [gen>](#)
- ShannonHoradamCollings1974, *Some congruences for Fibonacci numbers*, Fibonacci Quart. 1974 (12,4): 351-354, [fibqy>](#)

- Sun Z-H.2008, *Congruences involving Bernoulli polynomials*, Discrete Math Vol. 308, Issue 1, 6 Jan 2008, 71-112, [gen>](#)
- Sun Z-W.2002, *On the sum $\sum_{k=r}^n \binom{n}{k} \pmod{m}$ binomial(n,k) and related congruences*, Israel J. Math. 128 (2002), 135-156, [nat>](#)
- Sun Z-W.2003b, *General congruences for Bernoulli polynomials*, DiscreteMath. 262 (2003), 253-276, [gen>](#)
- Sun Z-W.2007, *Combinatorial congruences and Stirling numbers*, Acta Arith. 126 (2007), no. 4, 387-398, [gen>](#)
- Sun Z-W.2011b, *Super congruences and Euler numbers*, Sci. China Math. 54 (2011), no. 12, 2509-2535, , [nat>](#)
- Sun Z-W.2011c, *On congruences related to central binomial coefficients*, J. Number Theory, 131 (2011), no. 11, 2219-2238, [jou>](#)
- Sun Z-W.2012a, *On sums of Apéry polynomials and related congruences*, J. Number Theory, Vol. 132, Issue 11, Nov. 2012, 2673-2699, [jou>](#)
- Sun Z-W.2014, *Congruences involving generalized central trinomial coefficients*, Sci. China Math. 2014, Vol. 57, Issue 7, 1375-1400, [nat>](#)
- Sun Z-W.Tauraso2007, *Congruences for sums of binomial coefficients*, J. Number Theory, Vol. 126, Issue 2, Oct 2007, 287-296, [jou>](#)
- Sun Z-W.Tauraso2011, *On some new congruences for binomial coefficients*, Int. J. Number Theory, 07 (2011), No. 3, 645-662, [gen>](#)
- Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 19 (2016), Article 16.5.4, [jis>](#)
- Young1994, *p-adic congruences for generalized Fibonacci*

sequences, Fibonacci Quart. 1994 (32,1): 2-10, [fibqy>](#)

Young2003b, *Congruences for degenerate number sequences*, Discrete Math. Vol. 270, Issues 1–3, 28 Aug 2003, 279-289, [gen>](#)

Zhao L-L.PanSun Z-W.2010, *Some congruences for the second-order Catalan numbers*, Proc. Amer. Math. Soc. 138 (2010) , no. 1, 37-46, [nat>](#)

Zhou2003, *Applications of matrix theory to congruence properties of kth-order F-L sequences*, Fibonacci Quart. 2003 (41,1): 48-58, [fibqy>](#),

connection coefficients

Andrews1979, *Connection coefficient problems and partitions*, Proceedings of Symposium in Pure Math. Vol. 34, 1979, [gen>](#)

AokiOhno2005, *Sum relations for multiple zeta values and connection formulas for the Gauss hypergeometric functions*, Publ. RIMS, Kyoto Univ. 41 (2005), 329-337, [nat>](#)

Barry2013d, *On the connection coefficients of the Chebyshev-Boubaker polynomials*, The Scientific World J. Vol. 2013 (2013), Article ID 657806, 10 p, [gen>](#)

Chaggarakoepf2011, *On linearization and connection coefficients for generalized Hermite polyn.*, J. Comp. Appl. Math. Vol. 236, Issue 1, Aug 2011, 65-73, [jou>](#)

Szwarc1992, *Connection coefficients of orthogonal polynomials*, Canad. Math. Bull. Vol. 35 (4), 1992, 548-556, [nat>](#)

continued fractions

Barry2009b, *Continued fractions and transformations of integer sequences*, J. Integer Seq. Vol. 12 (2009), Article 09.7.6, [jis>](#)

Barry2013g, *Comparing two matrices of generalized moments defined by continued fraction expansions*, arXiv (27 Nov 2013), [aXv>](#)

BenjaminSuQuinn2000, *Counting on continued fractions*, Mathematics Magazine, Vol. 73, No. 2, 98-104, Apr 2000, [gen>](#)

Brezinski2010, *The Italian contribution to the foundation and development of continued fractions*, Rend. Semin. Mat. Univ. Politec. Torino Vol. 68, 1 (2010), 1-16, [nat>](#)

BultheelGonzalez-VeraHendriksenNjadstad2000, *Orthogonal rational functions and continued fractions*, Nato Sci. Ser. II Math. Phys. Chem. Vol. 30, 2001, 87-109, [gen>](#)

Denis1990, *On generalization of Euler's continued fractions*, Indian J. Pure Appl. Math. 1990, [nat>](#)

Denis1991, *On generalization of certain continued fractions*, Indian J. Pure Appl. Math. 1991, [nat>](#)

Dumont1995, *Further triangles of Seidel-Arnold type and continued fractions related to Euler and Springer numbers*, Adv. Appl. Math. Vol. 16, Issue 1, 1995, 275-296, [gen>](#)

ElizaldeMansour2006, *Restricted Motzkin permutations, Motzkin paths, continued fractions, and Chebyshev polynomials*, arXiv (6 Oct 2006), [gen>](#)

Flajolet1980, *Combinatorial aspects of continued fractions*, Discrete Math. 32 (1980) 125-161, [gen>](#)

Frame1949, *Continued Fractions and Matrices*, Amer. Math. Monthly, Vol. 56, No. 2 (Feb., 1949), 98-103, [nat>](#)

Hennesy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)

LenstraShallit1992, *Continued fractions and linear*

recurrences, Math. Comp. **61**, No. 203, Jul 1993, 351-354, [gen>](#)

LongJordan1970, *A limited arithmetic on simple continued fractions – II*, Fibonacci Quart. 1970 (8,2): 135-157, [fibqy>](#)

Mansour2002b, *Continued fractions and generalized patterns*, European J. Combin. Vol. 23, Issue 3, Apr 2002, 329-344, [gen>](#)

Mendès-France vanderPoortenShallit1998, *On lacunary formal power series and their continued fraction expansion*, To Andrzej Schinzel on his 60th birthday, [gen>](#)

Mills1975, *Continued Fractions and Linear Recurrences*, Math. Comp. Vol. 29, No 129, Jan 1975, 173-180, [gen>](#)

Scott1952, *The reciprocal of a continued fraction*, Proc. Amer. Math. Soc. Vol. 3, No. 5 (Oct 1952), 722-726, [nat>](#)

Shallit1982, *Explicit descriptions of some continued fractions*, Fibonacci Quart. 1982 (20,1): 77-80, [fibqy>](#)

ShannonHoradam1988, *Generalized Fibonacci continued fractions*, Fibonacci Quart. 1988 (26,3): 219-223, [fibqy>](#)

van der Poorten1998, *Formal power series and their continued fraction expansion*, Lect. Notes in Comp. Sci. Vol. 1423, 1998, 358-371-Algorithmic Number Theory, [gen>](#)

van der Poorten2005, *Elliptic curves and continued fractions*, J. Integer Seq. Vol. 8 (2005), Article 05.2.5, [jis>](#)

Zeng J.1995, *The q -Stirling numbers, continued fractions and the q -Charlier and q -Laguerre polynomials*, J. Comp. Appl. Math. Vol. 57, Issue 3, Feb 1995, 413-424, [jou>](#)

convolution

Agoh2014, *Convolution identities for Bernoulli and Genocchi polynomials*, Electron. J. Combin. **21** (1) (2014), [gen>](#)

AgohDilcher2007, *Convolution identities and lacunary*

recurrences for Bernoulli numbers, J. Number Theory **124**, Issue 1, May 2007, 105-122, [jou>](#)

AgohDilcher2008, *Generalized convolution identities for Stirling numbers of the second kind*, Integers 8 (2008), [gen>](#)

AlexanderZagier1991, *The entropy of a certain infinitely convolved Bernoulli measure*, J. London Math. Soc. Vol. s2-44, Issue 1 (Aug 1991), 121-134, [nat>](#)

BenderDaalhuisGaoRichmondWormald2010, *Asymptotics of some convolutional recurrences*, Electron. J. Combin. **17** (2010), [gen>](#)

BergumHoggatt, Jr.1976, *Numerator polynomial coefficient array for the convolved Fibonacci sequence*, Fibonacci Quart. 1976 (14,1): 43-47, [fibqy>](#)

BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)

Chu2012a, *Reciprocal formulae for convolutions of Bernoulli and Euler polynomials*, Rend. Mat. Appl. (7), Serie VII Vol. 32, Roma (2012), 17-74, [nat>](#)

ChuZhou2010, *Convolutions of Bernoulli and Euler polynomials*, Sarajevo J. Math. Vol.6 (18) (2010), 147-163, [nat>](#)

Di NardoPetruccioSenato2010, *Cumulants and convolutions via Abel polynomials*, European J. Combin. Vol. 31, Issue 7, Oct 2010, 1792-1804, [gen>](#)

Duarte, de Oliveira2013, *Note on the convolution of binomial coefficients*, J. Integer Seq. Vol. 16 (2013), Article 13.7.6, [jis>](#)

FengZhang Z.2003, *Computational formulas for convoluted generalized Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,2): 144-151, [fibqy>](#)

Flensted-JensenKoornwinder1973, *The convolution structure for Jacobi function expansions*, Arkiv för Matematik 1973, Vol. 11, Issue 1-2, 245-262, [nat>](#)

Glaeske2000, *Convolution structure of (generalized) Hermite transforms*, Banach Center Publ. Vol. 53, [nat>](#)

Gould2002, *Generalized Bernoulli and Euler polyn. convolution identities*, xxxx, [xxxx>](#)

Hoggatt, Jr.1970, *Convolution triangles for generalized Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 158-171, [fibqy>](#)

Hoggatt, Jr.Bergum1975, *Generalized convolution arrays*, Fibonacci Quart. 1975 (13,3): 193-197, [fibqy>](#)

Hoggatt, Jr.Bicknell1972, *Convolution triangles*, Fibonacci Quart. 1972 (10,6): 599-608, [fibqy>](#)

Hoggatt, Jr.Bicknell1976a, *Pascal, Catalan, and general sequence convolution arrays in a matrix*, Fibonacci Quart. 1976 (14,2): 135-143, [fibqy>](#)

Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials*, Fibonacci Quart. 1978 (16,5): 385-402, [fibqy>](#)

Kim2014, *Bernoulli polynomials and convolution sums*, British J. of Math. and Computer Sci. 4 (3): 363-374, 2014, [nat>](#)

Knuth1992(Jul arxiv)1992, *Convolution polynomials*, arXiv (1 Jul 1992), [aXv>](#)

Liu2002, *Formulas for convolution Fibonacci numbers and polynomials*, Fibonacci Quart. 2002 (40,4): 352-357, [fibqy>](#)

Mikic2016, *A proof of a famous identity concerning the convolution of the central binomial coefficients*, J. Integer Seq. Vol. 19 (2016), Article 16.6.6, [jis>](#)

Moree2004, *Convolutated convolved Fibonacci numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.2.2, [jis>](#)

NguyenCheong2014, *New convolution identities for hypergeometric Bernoulli polynomials*, J. Number Theory Vol. 137, April 2014, 201-221, [jou>](#)

Pan2013, *Convolution properties of the generalized Stirling numbers and the Jacobi-Stirling numbers of the first kind*, J. Integer Seq. Vol. 16 (2013), Article 13.9.2, [jis>](#)

Sofa2000a, *A convolutated Fibonacci sequence – Part I*, RGMIA Research Report Collection (Vol.3,2): 1-7, [gen>](#)

Sofa2000b, *A convolutated Fibonacci sequence – Part II*, Austral. Math. Soc. Gaz. 27; 107-114, [nat>](#)

Velasco2010, *Convolution and Sulanke Numbers*, J. Integer Seq. Vol. 13 (2010), Article 10.1.8, [jis>](#)

Yang Y.2004, *Generating functions of convolution matrices*, Proc. 10th Int. Research Conf. on Fibonacci numbers and their applications, Vol. 9, [gen>](#)

cumulants

Di NardoPetruccioSenato2010, *Cumulants and convolutions via Abel polynomials*, European J. Combin. Vol. 31, Issue 7, Oct 2010, 1792-1804, [gen>](#)

Di NardoSenato2006, *An umbral setting for cumulants and factorial moments*, European J. Combin. Vol. 27, Issue 3, Apr 2006, 394-413, [gen>](#)

Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177-191, [gen>](#)

Petruccio2009, *Cumulants and classical umbral calculus*, 62nd Sém. Lothar. Combin. Heilsbronn (Germany), Feb 22-25, 2009,

[gen>](#)

RotaShen2000, *On the combinatorics of cumulants*, J. Combin. Theory Ser. A, Vol. 91, Issues 1–2, Jul 2000, 283-304, [jou>](#)

Daehee

JangKwonRimSeo2014, *A note on q -analogue of lambda-Daehee polynomials*, Adv. Studies Theor. Phys., Vol. 8, 2014, no. 13, 589-597, [gen>](#)

Kim D.S.Kim T.2014b, *Some properties of higher-order Daehee polynomials of the second order arising from umbral calculus*, J. Inequal. Appl. 2014, 2014: 195, [jou>](#)

Kim D.S.Kim T.KomatsuSeo2014, *Barnes-type Daehee polynomials*, arXiv (14 Jan 2014), [aXv>](#)

KimKim2013f, *Daehee numbers and polynomials*, arXiv (9 Sep 2013), [aXv>](#)

KimKim2013h, *Higher-order Daehee numbers and polynomials*, arXiv (17 Oct 2013), [aXv>](#)

ParkRimKwon2013, *The hyper-geometric Daehee umbers and polynomials*, Turkish J. of Analysis and Number Theory 2013, Vol. 1, No. 1, 59-62, [nat>](#)

degenerate numbers, degenerate polynomials

Adelberg1995, *A finite difference approach to degenerate Bernoulli and Stirling polynomials*, Discrete Math. 140 (1995), 1-21, [gen>](#)

DangiTiwariParihar2013, *Generalized degenerated Bernoulli numbers and polynomials*, J. Int. Acad. Phys. Sci. Vol. 17, No.3 (2013), 245-254, [jou>](#)

Dilcher2008, *Determinant expressions for q -harmonic*

congruences and degenerate Bernoulli numbers, Electron. J. Combin. **15** (2008), [gen>](#)

GabouryTremblay2014, *A further investigation of gener. funct. related to pairs of inverse funct. with appl. to gener. degenerate Bernoulli polyn.*, Bull. Korean Math. Soc. 51 (2014), No. 3, 831-845, [nat>](#)

Howard1979, *Bell polynomials and degenerate Stirling numbers*, Rend. Semin. Mat. Univ. Padova, tome 61 (1979), 203-219, [nat>](#)

KimKimDolgy2015, *A note on degenerate Bernoulli numbers and polynomials associated with p -adic invariant integral on Z_p* , Appl. Math. Comput. Vol. 259, May 2015, 198-204, [gen>](#)

RamprasadMadhuParihar2013, *Degenerated Bernoulli numbers and polynomials*, Int. J. of Physics and Mathemat.Sci. 2013 Vol. 3 (4) Oct-Dec, 23-29, [gen>](#)

Young2008, *Degenerate Bernoulli polynomials, generalized factorial sums, and their applications*, J. Number Theory Vol. 128, Issue 4, Apr 2008, 738-758, [jou>](#)

Delannoy

BanderierSchwer2005, *Why Delannoy numbers?*, J. Statist. Plann. Inference Vol. 135, Issue 1, Nov 2005, 40–54, [jou>](#)

Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)

Hetyei2008, *Delannoy numbers and a combinatorial proof of the orthogonality of the Jacobi polynomials with natural number parameters*, 23rd Clemson mini-Conference on Discrete Math. and Algorithms, Clemson, SC, Oct 2, 2008, [gen>](#)

Hetyei2009, *Shifted Jacobi polynomials and Delannoy numbers*, arXiv (24 Dec 2009), [aXv>](#)

Sun Z-W.2011a, *On Delannoy numbers and Schröder numbers*, J.

Number Theory, Vol. 131, Issue 12, Dec 2011, 2387-239Z, [jou>](#)

Yang S-l.ZhengYuanHe2013, *Schröder matrix as inverse of Delannoy matrix*, Linear Algebra Appl. Vol. 439, Issue 11, Dec 2013, 3605-3614, [gen>](#)

Denert statistic

HanZeng1999a, *q-polynômes de Gandhi et statistique de Denert*, Discrete Math. Vol. 205, Issues 1–3, 28 July 1999, 119-143, [gen>](#)

dérangements, dérangements q-analogues

BriggsRemmel2009, *A p, q-analogue of the generalized derangement numbers*, Ann. Comb. 13 (2009) 1-25, [gen>](#)

ChenDengYang2008, *Riordan paths and derangements*, Discrete Math. Vol. 308, Issue 11, Jun 2008, 2222-2227, [gen>](#)

ClarkeHanZen1997, *A combinatorial interpretation of the Seidel generation of q-derangement numbers*, Annals Comb. 1997, Vol. 1, Issue 1, 313-327, [gen>](#)

DelfertEinzigerRawlings2003, *The derangement problem relative to the Mahonian process*, Int. J. Math. Math. Sci. Vol. 2003 (2003), Issue 24, 1497-1508, [gen>](#)

DumontRandrianarivony1994, *Dérangements et nombres de Genocchi*, Discrete Math. Vol. 132, Issues 1–3, Sep 1994, 37-49, [gen>](#)

FoataZeilberger1988, *Laguerre polynomials, weighted dérangements, and positivity*, Siam J. Disc. Math. Vol. 1, No. 4, Nov1988, [gen>](#)

Hassani2003, *Derangements and applications*, J. Integer Seq. Vol. 6 (2003), Article 03.1.2, [jis>](#)

KimZeng2001, *A new decomposition of derangements*, J. Combin.

Theory Ser. A, Vol. 96, Issue 1, Oct 2001, 192-198, [jou>](#)

Sun P.2005, *A note on the number of derangements*, Appl. Math. E-Notes, 5 (2005), 176-178, [gen>](#)

Diophantine equations

BugeaudMignotteSiksek2006a, *Classical and modular approaches to exponential diophantine equations I. Fibonacci and Lucas perfect powers*, Ann. of Math. (2), 163 (2006), 969-1018, [nat>](#)

BugeaudMignotteSiksek2006b, *Classical and modular approaches to exponential diophantine equations II. The Lebesgue–Nagell equation*, Compos. Math. 142 (2006) 31–62, [gen>](#)

CorvajaZannier1998, *Diophantine equations with power sums and universal Hilbert sets*, Indag. Mathem., N.S., 9 (3), Sep. 1998, 317-332, [gen>](#)

Halter-Koch2011, *Diophantine equations of Pellian type*, J. Number Theory Vol. 131, Issue 9, Sep 2011, 1597-1615, [jou>](#)

Prévost2000, *Diophantine approximations using Padé approximations*, J. Comp. Appl. Math. 122 (2000) 231-250, [jou>](#)

ShoreyStewart1987, *Pure powers in recurrent sequences and some related Diophantine equations*, J. Number Theory Vol, 27, Issue 3, Nov 1987, 324-352, [jou>](#)

Tengely2005, *Effective methods for Diophantine equations*, Doctor aan de Universiteit Leiden, [gen>](#)

Zannier2005, *Diophantine equations with linear recurrences An overview of some recent progress*, J. Théor. Nombres Bordeaux 17 (2005), 423-435, [nat>](#)

Dobinski

Kwasniewski2005, *On psi-umbral extensions of Stirling numbers and Dobinski-like formulas*, arXiv (20 Oct 2005), [aXv>](#)

Dumont-Foata

Carlitz1980a, *Explicit formulas for the Dumont-Foata polynomial*, Discrete Math. Vol. 30, Issue 3, 1980, 211-225, [gen>](#)

Ehrhart

Chapoton2013, *q-analogues of Ehrhart polynomials*, arXiv (23 Feb 2013), [aXv>](#)

ChenLiSam2010, *Generalized Ehrhart polynomials*, Trans. Amer. Math. Soc. **364** (2012), 551-569, [nat>](#)

elliptic (see also Jacobi)

Berndt2000, *Flowers which we cannot yet see growing in Ramanujan's garden of hypergeometric series, elliptic functions, and q's*, Nato Sci. Ser. II Math. Phys. Chem. Vol. 30, 2001, 61-85, [gen>](#)

BianePitmanYor2001, *Probability laws related to the Jacobi theta and Riemann z-functions, and Brownian motion excursions*, Bull. Amer. Math. Soc. (N.S.) Vol. 38, no. 4, 435-465, [nat>](#)

Dumont1981, *Une approche combinatoire des fonctions elliptiques de Jacobi*, Adv. Math. Vol. 41, Issue 1, Jul 1981, 1-39, [gen>](#)

Flensted-JensenKoornwinder1973, *The convolution structure for Jacobi function expansions*, Arkiv för Matematik 1973, Vol. 11, Issue 1-2, 245-262, [nat>](#)

Koelink1995, *Identities for q-ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)

Silverman2006, *An introduction to the theory of elliptic curves*, Summer School on Comput. Number Theory, Univ. of Wyoming (Jul 2006), [gen>](#)

Viennot1980, *Une interprétation combinatoire des coefficients des développements en série entière des fonctions elliptiques de Jacobi*, J. Combin. Theory Ser. A, Vol. 29, Issue 2, Sep 1980, 121-133, [jou>](#)

embedding distributions, structures

Barry2014c, *Embedding structures associated with Riordan arrays and moment matrices*, Int. J. Comb. Vol. 2014 (2014), Article ID 301394, 7 p, [gen>](#)

ChenMansourZou2012, *Embedding distributions and Chebyshev polynomials*, Graphs and Combinatorics Vol. 28, Issue 5 , 597-614, [gen>](#)

entropy

Abramov R.V.2010, *The multidimensional maximum entropy moment problem: A review on numerical methods*, Commun. math. sci. 8(2010), June 2010, [gen>](#)

AlexanderZagier1991, *The entropy of a certain infinitely convolved Bernoulli measure*, J. London Math. Soc. Vol. s2-44, Issue 1 (Aug 1991), 121-134, [jou>](#)

CarliFerrantePavonPicci2013, *An efficient algorithm for maximum entropy extension of block-circulant covariance matrices*, Linear Algebra Appl. Vol. 439, Issue 8, 15 Oct 2013, 2309–2329 arXiv (8 Feb 2013), [aXv>](#)

Erkus-Srivastava

SrivastavaNisarKhan2014, *Some umbral calculus presentations of the Chan-Chyan-Srivastava polyn. and the Erkus-Srivastava polyn.*, Proyecciones, Vol. 33, No 1, 77-90, Mar 2014, [gen>](#)

Euler 1,2006, 102-107, [gen>](#)

Arregghi2001b, *Bernoulli and Euler numbers, Motzkin paths and numerical triangles*, Pre-publicaciones del Seminario

Matemático "García de Galdeano", N^o. 34, 2001, [gen>](#)

BayadHamahata2012, *Identities involving two kinds of q -Euler polynomials and numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.4.6, [jis>](#)

BorweinCalkinManna2009, *Euler-Boole summation revisited*, Amer. Math. Monthly, Vol. 116, No. 5 (May, 2009), 387-412, [nat>](#)

Boyadzhiev2009, *Harmonic number identities via Euler's transform*, J. Integer Seq. Vol. 12 (2009), Article 09.6.1, [jis>](#)

Byrd1975b, *Relations between Euler and Lucas numbers*, Fibonacci Quart. 1975 (13,2): 111-114, [fibqy>](#)

Chen2001, *Algorithms for Bernoulli numbers and Euler numbers*, J. Integer Seq. Vol. 4 (2001), Article 01.1.6, [jis>](#)

Chen2004, *Congruences for Euler numbers*, Fibonacci Quart. 2004 (42,2): 128-140, [fibqy>](#)

Chen2006, *Evaluations of some variant Euler sums*, J. Integer Seq. Vol. 9 (2006), Article 06.2.3, [jis>](#)

Dumont1995, *Further triangles of Seidel-Arnold type and continued fractions related to Euler and Springer numbers*, Adv. Appl. Math. Vol. 16, Issue 1, 1995, 275-296, [gen>](#)

Ernst2006, *q -Bernoulli and q -Euler polynomials, an umbral approach*, Int. J. Differ. Equ. Vol. 1, No. 1, (2006), 31-80, [gen>](#)

Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)

HuberYee2010, *Combinatorics of generalized q -Euler numbers*, J. Combin. Theory Ser. A, Vol. 117, Issue 4, May 2010, 361-388, [jou>](#)

Kim D.S.2011, *Identities of symmetry for q -Euler polynomials*,

Open J. Discrete Math. 2011, 1, 22-31, [gen>](#)

Kim T.2010, *New approach to q -Euler polynomials of higher order*, Russ. J. Math. Phys. Jun 2010, Vol. 17, Issue 2, 218-225, [nat>](#)

Kim2007a, *The modified q -Euler numbers and polynomials*, arXiv (18 Feb 2007), [aXv>](#)

Kim2009a, *q -Euler numbers and polynomials associated with multiple q -zeta functions*, arXiv (24 Dec 2009), [aXv>](#)

Kim2009b, *Barnes type multiple q -zeta functions and q -Euler polynomials*, arXiv (28 Dec 2009), [aXv>](#)

KimHwangKim2009, *Sums of products of q -Euler polynomials and numbers*, J. Inequal. Appl. Vol. 2009, Article ID 381324, 8 p, [jou>](#)

KimKim2012d, *Arithmetic identities involving Bernoulli and Euler numbers*, Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 689797, 10 p, [gen>](#)

KimKimDolgy2012, *Some identities on Laguerre polynomials in connection with Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2012, Article ID 619197, 10 p, [gen>](#)

KimKimDolgyRim2013, *Some identities of higher-order Bernoulli, Euler, and Hermite polynomials arising from umbral calculus*, J. Inequal. Appl. 2013, 2013: 211, [jou>](#)

KimKimLeeDolgyRim2011, *Some new identities on the Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2011, Article ID 856132, 11 p, [gen>](#)

KimKurtKurt2013, *Some identities on the generalized q -Bernoulli, q -Euler, and q -Genocchi polynomials*, Abstr. Appl. Anal. Vol. 2013, Article ID 293532, 6 p., [gen>](#)

KimRim2007, *New Changhee q -Euler numbers and polynomials*

associated with p-adic q-integrals, Comput. Math. Appl. Vol. 54, Issue 4, Aug 2007, 484-489, [gen>](#)

KimRimSimsekKim2008, *On the analogs of Bernoulli and Euler numbers, related identities and zeta and L-functions*, J. Korean Math. **45** (2008), No. 2, 435-453, [nat>](#)

LeeKim2012, *Derivation of identities involving Bernoulli and Euler numbers*, Int. J. Math. and Mathematical Sciences, Vol. 2012 (2012), Article ID 598543, 14 p, [gen>](#)

Liu2006, *Congruences for higher-order Euler numbers*, Proc. Japan Acad. **82**, Series A, (2006), No. 3, 30-33, [nat>](#)

LucaHuguetNicolae2009, *On the Euler function of Fibonacci numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.6.6, [jis>](#)

LuoQi2003, *Relationships between generalized Bernoulli numbers and polynomials and generalized Euler numbers and polynomials*, Adv. Stud. Contemp. Math. (Kyungshang), 7 (2003), No. 1, 11-18, [gen>](#)

LuoQiDebnath2003, *Generalizations of Euler numbers and polynomials*, Int. J. of Math. and Mathematical Sciences, Vol. 2003 (2003), Issue 61, 3893-3901, [gen>](#)

Mahmudov2013, *On a class of q-Bernoulli and q-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 108, [gen>](#)

MahmudovKeleshteri2013, *On a class of generalized q-Bernoulli and q-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 115, [gen>](#)

MahmudovMomemzadeh2014, *On a class of q-Bernoulli, q-Euler and q-Genocchi polynomials*, arXiv (18 Jan 2014), [aXv>](#)

MasonHudson2004, *A generalization of Euler's formula and its connection to Fibonacci numbers*, Proc. 10th int. Conf. on Fibonacci numbers and their Applic. 2004, Vol. 9, 177-185, [gen>](#)

NalliZhang2010, *On generalized Lucas polynomials and Euler numbers*, Miskolc Mathematical Notes Vol. 11 (2010), No. 2, 163-167, [nat>](#)

PanSun Z-W.2006b, *On q-Euler numbers, q-Salié numbers and q-Carlitz numbers*, Acta Arith. 124 (2006), no. 1, 41-57, [gen>](#)

RyooKimJang2007, *Some relationships between the analogs of Euler numbers and polynomials*, J. Inequal. Appl. Vol. 2007, Article ID 86052, 22 p, [jou>](#)

Shparlinski2006, *On the sum of Iterations of the Euler function*, J. Integer Seq. Vol. 9 (2006), Article 06.1.6, [jis>](#)

Sofa2012b, *Euler-related sums*, Mathematical Sciences 2012, 6:10, [gen>](#)

Srivastava2011, *Some generalizations and basic (or q-) extensions of the Bernoulli, Euler and Genocchi polynomials*, Appl. Math. Inf. Sci. 5 (3) (2011), 390-444, [gen>](#)

Sun Z-W.2011b, *Super congruences and Euler numbers*, Sci. China Math. 54 (2011), no. 12, 2509-2535, [nat>](#)

Sun Z-W.Pan2006, *Identities concerning Bernoulli and Euler polynomials*, Acta Arith. 125 (2006), no. 1, 21-39, [gen>](#)

Szablowski2014, *A few remarks on Euler and Bernoulli polyn. and their connections with binom. coef. and modified Pascal matrices*, Math. Aeterna, Vol. 4, 2014, no. 1, 83-88, [gen>](#)

Tempesta2006, *On a generalization of Bernoulli and Euler polynomials*, arXiv (27 Jan 2006), [aXv>](#)

Tempesta2008, *On Appell sequences of polynomials of Bernoulli and Euler type*, J. Math. Anal. Appl. Vol. 341, Issue 2, May 2008, 1295-1310, [jou>](#)

Toscano1978, *Some results for generalized Bernoulli, Euler, Stirling numbers*, Fibonacci Quart. 1978 (16,2): 103-111,

[fibqy>](#)

Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials*, J. Integer Seq. Vol. 15 (2012), Article 12.2.7, [jis>](#)

Vella2008, *Explicit formulas for Bernoulli and Euler numbers*, Integers 8 (2008), [gen>](#)

Wang H.Liu2013a, *Some properties of a sequence similar to generalized Euler numbers*, Discrete Math. Vol. 2013, Article ID 810245, 5 p, [gen>](#)

Yi2006, *Some identities involving Bernoulli numbers and Euler numbers*, Scientia Magna Vol. 2, No. 1, 2006, 102-107, [gen>](#)

Euler-Barnes

JangKim2005, *q-analogue of Euler-Barnes' numbers and polynomials*, Bull. Korean Math. Soc. 42 (2005), No. 3, 491-499, [nat>](#)

Kim2006b, *q-analogue of Euler-Barnes multiple zeta functions*, arXiv (6 Mar 2006), [aXv>](#)

Euler-Bernoulli

Liu2001, *Identities and congruences involving higher-order Euler-Bernoulli numbers and polynomials*, Fibonacci Quart. 2001 (39,3): 279-284, [fibqy](#)

Euler-Frobenius

ChoiKimKimKim2012, *A note on some identities of Frobenius-Euler numbers and polynomials*, Int. J. Math. and Mathematical Sciences, Vol. 2012 (2012), Article ID 861797, 9 p, [gen>](#)

GawronskiNeuschel2013, *Euler-Frobenius numbers*, Integral Transforms Spec. Funct. Vol. 24, Issue 10, 2013, 817-830, [gen>](#)

Janson2013, *Euler-Frobenius numbers and rounding*, arXiv (15 May 2013), [aXv>](#)

KimKim2012e, *Some identities of Frobenius-Euler polynomials arising from umbral calculus*, Adv. Difference Equ. 2012, 2012: 196, [gen>](#)

KimKimRimDolgy2013b, *Some identities of Frobenius-type Eulerian polynomials arising from umbral calculus*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 53, 2637-2644, [gen>](#)

KimMansour2014, *Umbral calculus associated with Frobenius-type Eulerian polynomials*, Russ. J. Math. Phys. Jun 2014, Vol. 21, Issue 4, 484-493, [nat>](#)

Euler-Seidel

BarryHennessy2010a, *The Euler-Seidel matrix, Hankel matrices and moment sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.8.2, [jis>](#)

MezòDil2009, *Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence*, Cent. Eur. J. Math. Jun 2009, Vol. 7, Issue 2, 310-321, [gen>](#)

Tutas2014, *Euler-Seidel matrices over F_p* , Turkish J. of Math. (2014) 38: 16-24, [nat>](#)

Eulerian

AraciAcikgozSen2014b, *New generalization of Eulerian polynomials and their applications*, J. Ana. Num. Theor. 2, No. 2, 59-63 (2014), [jou>](#)

Barry2011d, *Eulerian polynomials as moments, via exponential Riordan arrays*, J. Integer Seq. Vol. 14 (2011), Article 11.9.5, [jis>](#)

Barry2013e, *General Eulerian polynomials as moments using exponential Riordan arrays*, J. Integer Seq. Vol. 16 (2013),

Article 13.9.6, [jis>](#)

Carlitz1954, *q-Bernoulli and Eulerian numbers*, Trans. Amer. Math. Soc. Vol. 76, No. 2 (Mar 1954), [nat>](#)

Carlitz1959b, *Eulerian numbers and polynomials*, Math. Magazine Vol. 32, No. 5 (May – Jun 1959), 247-260, [gen>](#)

Carlitz1960b, *Eulerian numbers and polynomials of higher order*, Duke Math. J. Vol. 27, No. 3 (1960), 401-423, [gen>](#)

Carlitz1963a, *The product of two Eulerian polynomials*, Math. Magazine, Vol. 36, No. 1 (Jan 1963), 37-41, [gen>](#)

Carlitz1973, *Eulerian numbers and operators*, Lecture Notes in Math. 1971, 65-70 -The Theory of Arith. Funct., [gen>](#)

CarlitzHoggath, Jr.1978, *Generalized Eulerian numbers and polynomials*, Fibonacci Quart. 1978 (16,2): 138-146, [fibqy>](#)

CarlitzScoville1975, *Eulerian numbers and operators*, Fibonacci Quart. 1975 (13,1): 71-83, [fibqy>](#)

ChangHa2002, *Eulerian polynomials and related explicit formulas*, Fibonacci Quart. 2002 (40,5): 399-404, [fibqy>](#)

ChungGrahamKnuth2010, *A symmetrical Eulerian identity*, J. Comb. Vol. 17, No. 1, 29-38, 2010, [jou>](#)

de OliveraBergmannOnusic2013, *A limit to represent Bernoulli numbers using Eulerian numbers*, Int. J. Pure Appl. Math. Vol. 83 No. 4, 2013, 589-599, [gen>](#)

EhrenborgReaddy2006, *Characterization of Eulerian binomial and Sheffer posets*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

ErmanSmithVarilly-Alvarado2011, *Laurent polynomials and Eulerian numbers*, J. Combin. Theory Ser. A, Vol. 118, Issue 2, Feb 2011, 396-402, [gen>](#)

- FoataZeilberger1991, *Multibasic Eulerian polynomials*, Trans. Amer. Math. Soc. Vol. 328, No. 2, (Nov 1991), 843-862, [nat>](#)
- KimKimKimDolgy2012, *A note on Eulerian polynomials*, Abstr. Appl. Anal. Vol. 2012 (2012), Article ID 269640, 10 p, [gen>](#)
- KimKimRimDolgy2013b, *Some identities of Frobenius-type Eulerian polynomials arising from umbral calculus*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 53, 2637-2644, [gen>](#)
- KimMansour2014, *Umbral calculus associated with Frobenius-type Eulerian polynomials*, Russ. J. Math. Phys. Jun 2014, Vol. 21, Issue 4, 484-493, [nat>](#)
- Koutras1994, *Eulerian numbers associated with sequences of polynomials*, Fibonacci Quart. 1994 (vol.32,1): 44-57, [fibqy>](#)
- NymannSaenz1999, *Eulerian numbers: inversion formulas and congruences modulo a prime*, Fibonacci Quart. 1999 (37,2): 154-161, [fibqy>](#)
- ShareshianWachs2007, *q-Eulerian polynomials: excedence number and major index*, Electr. Research Announcements of the Amer. Math. Soc. Vol. 13, 33-45 (Apr 12, 2007), [nat>](#)
- Simsek2013a, *Generating function for generalized Stirling type numbers, array type polynomials, Eulerian type polynomials and their applications*, Fixed Point Theory Appl. 2013, 2013: 87, [gen>](#)
- Simsek2013b, *Identities associated with generalized Stirling type numbers and Eulerian type polyn.*, Math. Comput. Appl. Vol. 18, No. 3, 251-263, 2013, [gen>](#)
- Wang X.Hsu2003, *A summation formula for power series using Eulerian fractions*, Fibonacci Quart. 2003 (vol.41,1): 23-30, [fibqy>](#)
- XiongHallTsao2014, *Combinatorial interpretation of general Eulerian numbers*, J. Discrete Math. Vol. 2014 (2014), Article

ID 870596, 6 p, [jou>](#)

XiongTsaoHall2013, *General Eulerian numbers and Eulerian polynomials*, J. of Math. Vol. 2013, Article ID 629132, 9 p, [jou>](#)

ZengZhang1994, *A q -analog of Newton's series, Stirling functions and Eulerian functions*, Results Math. May 1994, Vol. 25, Issue 3-4, 370-391, [gen>](#)

Faber

Airault2008, *Remarks on Faber polynomials*, Int. Math. Forum 3, 2008, no. 9, 449-456, [gen>](#)

AiraultBouali2006, *Differential calculus on the Faber polynomials*, Bull. Sci. Math. Vol. 130, Issue 3, Apr–May 2006, 179-222, [nat>](#)

Jabotinsky1953, *Representation of functions by matrices. Application to Faber polynomials*, Proc. of the Amer. Math. Society Vol. 4, No. 4 (Aug., 1953), 546-553, [nat>](#)

Kuijlaars1995, *Chebyshev-type quadrature and zeros of Faber polynomials*, J. Comput. Appl. Math. Vol. 62, Issue 2, Sep 1995, 155-179, [jou>](#)

Schur1945, *On Faber polynomials*, Amer. J. Math. Vol. 67, No. 1 (Jan., 1945), 33-41, [nat>](#)

Todorov1981, *Explicit formulas for the coefficients of Faber polynomials with respect to univalent functions of the class S* , Proc. Amer. Math. Soc. Vol. 82, Number 3, Jul 1981, [nat>](#)

Todorov1991, *On the Faber polynomials of the univalent functions of class S* , J. Math. Anal. Appl. Vol. 162, Issue 1, Nov 1991, 268-276, [jou>](#)

Zayed1990, *Jacobi polynomials as generalized Faber polynomials*, Trans. Amer. Math. Soc. Vol. 321, No. I, Sep

1990, [nat](#)>

factorial generalizations

Pan2012, *Matrix decomposition of the unified generalized Stirling numbers and inversion of the generalized factorial matrices*, J. Integer Seq. Vol. 15 (2012), Article 12.6.6, [jis](#)>

Schmidt2010, *Generalized j -factorial functions, polynomials, and applications*, J. Integer Seq. Vol. 13 (2010), Article 10.6.7, [jis](#)>

SongCheonJunBeasley2010, *A q -analogue of the generalized factorial numbers*, J. Korean Math. Soc. 47 (2010), No. 3, 645-657, [nat](#)>

Young2008, *Degenerate Bernoulli polynomials, generalized factorial sums, and their applications*, J. Number Theory Vol. 128, Issue 4, Apr 2008, 738-758, [jou](#)>

Fibonacci

AharonovBeardonDriver2005, *Fibonacci, Chebyshev, and orthogonal polynomials*, Amer. Math. Monthly Vol. 112, No. 7 (2005), 612-630, [nat](#)>

AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, [gen](#)>

Alfred1963, *Exploring Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 57-63, [fibqy](#)>

AmdeberhanChenMollSagan2014, *Generalized Fibonacci polynomials and Fibonacci coefficients*, Ann. Comb. (2014) Vol.18, Issue 4: 541-562, [gen](#)>

AndradePethe1992, *On the r th-order nonhomogeneous recurrence relation and some generalized Fibonacci sequences*, Fibonacci Quart. 1992 (30,3): 256-262, [fibqy](#)>

AndradeSantosdaSilvaSilva2013, *Polyn. generalizations and combin. interpretations for seq. including the Fibonacci and Pell numbers*, Open J. Discrete Math. 2013, 3, 25-32, [gen>](#)

Andrews1969, *Some formulae for the Fibonacci sequence with generalizations*, Fibonacci Quart. 1969 (7,2): 113-130, [fibqy>](#)

Antoniadis1985, *Fibonacci and Lucas numbers of the form $3z^2 + 1$* , Fibonacci Quart. 1985 (23,4): 300-307, [fibqy>](#)

ArdalGundersonJungicLandmanWilliamson2008-09, *Ramsey results involving the Fibonacci numbers*, Fibonacci Quart. 2008-09 (46-47,1): 10-17, [fibqy>](#)

ArkinHoggatt, Jr.1970, *An extension of Fibonacci numbers – II*, Fibonacci Quart. 1970 (8,2): 199-216, [fibqy>](#)

Asveld1987, *A family of Fibonacci like sequences*, Fibonacci Quart. 1987 (25,1): 81-83, [fibqy>](#)

AtanassovAtanassovaSasselov1985, *A new perspective to the generalization of the Fibonacci sequence*, Fibonacci Quart. 1985 (23,1): 21-28, [fibqy>](#)

AtanassovHleBarskaMihov1992, *Recurrent formulas of the generalized Fibonacci and Tribonacci sequences*, Fibonacci Quart. 1992 (30,1): 77-79, [fibqy>](#)

BadshahTeethDar2012, *Generalized Fibonacci-like sequence and its properties*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 21-24, 1155-1164, [gen>](#)

BelbachirBelkhir2014, *Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.3, [aXv>](#)

BelbachirBencherif2007, *Sums of products of generalized Fibonacci and Lucas numbers*, arXiv (17 Aug 2007), [aXv>](#)

BelbachirBencherif2008, *On some properties of bivariate*

- Fibonacci and Lucas polynomials*, J. Integer Seq. Vol. 11 (2008), Article 08.2.6, [jis>](#)
- BelbachirBenmezai2012, *Expansion of Fibonacci and Lucas polynomials: An answer to Prodinger's question*, J. Integer Seq. Vol. 15 (2012), Article 12.7.6, [jis>](#)
- BenjaminCameronQuinn2007, *Fibonacci determinants – a combinatorial approach*, Fibonacci Quart. 45(1): 39-55. Claremont Colleges – HMC Faculty Scholarship, [fibqy>](#)
- BenjaminHeberle2014, *Counting on r-Fibonacci numbers*, Fibonacci Quart. 52 (2014), no. 2, 121-128, [fibqy>](#)
- BenjaminQuinn2005-2006, *Revisiting Fibonacci and related sequences*, Math. Teacher, Vol. 99, No. 5 (2005-2006), [gen>](#)
- Berg2011, *Fibonacci numbers and orthogonal polynomials*, Arab J. Math. Sci. Vol. 17, Issue 2, Jul 2011, 75-88, [nat>](#)
- BernoussiMottaRachidiSaeki2001, *Approximation of infinite generalized Fibonacci sequences and their asymptotic Binet formula*, Fibonacci Quart. 2001 (39,2): 168-180, [fibqy>](#)
- Bernstein1976, *A formula for Fibonacci numbers from a new approach to generalized Fibonacci numbers*, Fibonacci Quart. 1976 (14,4): 358-367, [fibqy>](#)
- Bicknell-Johnson2003, *Stern's diatomic array applied to Fibonacci representations*, Fibonacci Quart. 2003 (41,2): 169-179, [fibqy>](#)
- Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences*, Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, [gen>](#)
- Bollinger1984, *Fibonacci k-sequences, Pascal-T triangles, and k-in-a-row problems*, Fibonacci Quarterly 1984 (22,2): 146-151, [fibqy>](#)

Bouras2013, *A new characterization of Catalan numbers related to Hankel transforms and Fibonacci numbers*, J. Integer Seq. Vol. 16 (2013), Article 13.3.3, [jis>](#)

Brousseau1969b, *Summation of infinite Fibonacci series*, Fibonacci Quart. 1969 (7,2): 143-168, [fibqy>](#)

Brousseau1972, *A note on the number of Fibonacci sequences*, Fibonacci Quart. 1972 (10,6): 657-658, [fibqy>](#)

Bruckner1970, *Fibonacci sequence modulo a prime $p \equiv 3 \pmod{4}$* , Fibonacci Quart. 1970 (8,2): 217-220, [fibqy>](#)

Bunder1978, *More Fibonacci functions*, Fibonacci Quart. 1978 (16,2): 97-98, [fibqy>](#)

Buschman1963, *Fibonacci numbers, Chebyshev polynomials, generalizations and difference equations*, Fibonacci Quart. 1963 (1,4): 1-7, [fibqy>](#)

Byrd1963, *Expansion of analytic functions in polynomials associated with Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 16-27, [fibqy>](#)

Byrd1975a, *New relations between Fibonacci and Bernoulli numbers*, Fibonacci Quart. 1975 (13,1): 59-69, [fibqy>](#)

CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,1): 13-19, [fibqy>](#)

CaoZhao F-Z.2010, *Some properties of hyperFibonacci and hyperLucas numbers*, J. Integer Seq. Vol. 13 (2010), Article 10.8.8, [jis>](#)

CapocelliCull2003, *Rounding the solutions of Fibonacci-like difference equations*, Fibonacci Quart. 2003 (41,2): 133-141, [fibqy>](#)

Carlitz1968b, *Fibonacci representations*, Fibonacci Quart. 1968

(6,4): 193-220, [fibqy>](#)

Carlitz1970, *Fibonacci representations – II*, Fibonacci Quart. 1970 (8,2): 113-134, [fibqy>](#)

Carlitz1974a, *Fibonacci notes – 3: q-Fibonacci numbers*, Fibonacci Quart. 1974 (12,4): 317-322, [fibqy>](#)

Carlitz1975a, *Fibonacci notes–4: q-Fibonacci polynomials*, Fibonacci Quart. 1975 (13,2): 97-102, [fibqy>](#)

Carlitz1978b, *Some classes of Fibonacci sums*, Fibonacci Quart. 1978 (16,5): 411-425, [fibqy>](#)

CarlitzScovilleVaughan1973, *Some arithmetic functions related to Fibonacci numbers*, Fibonacci Quart. 1973 (11,4): 337-386, [fibqy>](#)

Cerda-Morales2013, *On generalized Fibonacci and Lucas numbers by matrix methods*, Hacet. J. Math. Stat. Vol. 42 (2) (2013), 173-179, [gen>](#)

Cereceda2014, *Determinantal representations for generalized Fibonacci and tribonacci numbers*, Int. J. Contemp. Math. Sci. Vol. 9, 2014, no. 6, 269-285, [gen>](#)

Cerin2009, *Sums of products of generalized Fibonacci and Lucas numbers*, Demonstratio Math. Vol. XLII No 2 (2009), [gen>](#)

ChaouiMoulineRachidi2002, *Application of Markov chains properties to ∞ -generalized Fibonacci sequences*, Fibonacci Quart. 2002 (40,5): 453-459, [fibqy>](#)

Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#)

Cigler2003, *q-Fibonacci polynomials*, Fibonacci Quart. 2003 (41,1): 31-40, [fibqy>](#)

CvetkovicRajkovicIvkovic2002, *Catalan numbers, the Hankel transform, and Fibonacci numbers*, J. Integer Seq. Vol. 5

(2002), Article 02.1.3, [jis>](#)

de AndradeSantosda SilvaSilva2013, *Polynomial generalizations and combinatorial interpretations for seq. including the Fibonacci and Pell numbers*, Open J. of Discrete Math. 2013, 3, 25-32, [gen>](#)

deBruijn1974, *An extension of Fibonacci's sequence*, Fibonacci Quart. 1974 (12,3): 251-258, [fibqy>](#)

DeCarli1970a, *A generalized Fibonacci sequence over an arbitrary ring-Part I*, Fibonacci Quart. 1970 (8,2): 182-184, [fibqy>](#)

DeCarli1970b, *A generalized Fibonacci sequence over an arbitrary ring-Part II*, Fibonacci Quart. 1970 (8,2): 198, [fibqy>](#)

Dilcher2000, *Hypergeometric functions and Fibonacci numbers*, Fibonacci Quart. 2000 (38,4): 342-363, [fibqy>](#)

Djordjevic2001a, *Some properties of partial derivatives of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2001 (39,2): 138-141, [fibqy>](#)

Djordjevic2005b, *On the kth-order derivative sequences of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2005 (43,4): 290-298, [fibqy>](#)

Djordjevic2009, *Generalizations of the Fibonacci and Lucas polynomials*, Filomat 23:3 (2009), 291-301, [gen>](#)

DresdenDu2014, *A simplified Binet formula for k-generalized Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.7, [jis>](#)

Dubeau1993, *The rabbit problem revisited*, Fibonacci Quart. 1993 (31,3): 268-273, [fibqy>](#)

EdsonYayenie2009, *A new generalization of Fibonacci sequence*

and extended Binet's formula, Integers 9 (2009), 639-654, [gen>](#)

Elmore1967, *Fibonacci functions*, Fibonacci Quart. 1967 (5,4): 371-382, [fibqy>](#)

Er1984, *The matrices of Fibonacci numbers*, Fibonacci Quart. 1984 (22,2): 134-139, [fibqy>](#)

FalconPlaza2009, *On k-Fibonacci sequences and polynomials and their derivatives*, Chaos, Solitons and Fractals, Vol. 39, Issue 3, Feb 2009, 1005-1019, [gen>](#)

Feinberg1963, *Fibonacci-Tribonacci*, Fibonacci Quart. 1963 (1,3): 71-74, [fibqy>](#)

FengZhang Z.2003, *Computational formulas for convoluted generalized Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,2): 144-151, [fibqy>](#)

Ferns1969, *Products of Fibonacci and Lucas numbers*, Fibonacci Quart. 1969 (7,1): 1-12, [fibqy>](#)

Filipponi1995, *Some binomial Fibonacci identities*, Fibonacci Quart. 1995 (33,3): 251-257, [fibqy>](#)

Filipponi1996, *On the Fibonacci numbers whose subscript is a power*, Fibonacci Quart. 1996 (34,3): 271-276, [fibqy>](#)

FilipponiHoradam1993a, *Second derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1993 (31,3): 194-204, [fibqy>](#)

FilipponiHoradam1993b(addendum), *Addendum to "Second derivative sequences of Fibonacci and Lucas polynomials"*, Fibonacci Quart. 1993 (31,3): 194-204, [fibqy>](#)

Fuller1978, *Vectors whose elements belong to a generalized Fibonacci sequence*, Fibonacci Quart. 1978 (16,5): 447-450, [fibqy>](#)

Gamkrelidze1995, *On a probabilistic property of the Fibonacci*

sequence, *Fibonacci Quart.* 1995 (33,2): 147-152, [fibqy>](#)

GarnierRamaré2008-09, *Fibonacci numbers and trigonometric identities*, *Fibonacci Quart.* 2008-09 (46-47,1): 56-61, [fibqy>](#)

GarthMillsMitchell2007, *Polynomials generated by the Fibonacci sequence*, *J. Integer Seq. Vol. 10* (2007), Article 07.6.8, [jis>](#)

Geldenhuis(errata)1982, (errata)*On the Fibonacci numbers minus one*, *Fibonacci Quart.* 1982 (20,2): 192, [fibqy>](#)

Geldenhuis1981, *On the Fibonacci numbers minus one*, *Fibonacci Quart.* 1981 (19,5): 456-457, [fibqy>](#)

Gica2008-09, *Quadratic residues in Fibonacci sequences*, *Fibonacci Quart.* 2008-09 (46-47,1): 68-72, [fibqy>](#)

GodaseDhakne2014, *On the properties of k-Fibonacci and k-Lucas numbers*, *Int. J. Adv. Appl. Math. and Mech.* 2 (1) (2014), 100-106, [gen>](#)

Good1974, *A reciprocal series of Fibonacci numbers*, *Fibonacci Quart.* 1974 (12,4): 346, [fibqy>](#)

Gootherts1968a, *Linear algebra constructed from Fibonacci sequences Part I: Fundamentals and polynomial interpretations*, *Fibonacci Quart.* 1968 (6,5): 35-42, [fibqy>](#)

Gootherts1968b, *Linear algebra constructed from Fibonacci sequences Part II: Function sequences and Taylor series of function sequences*, *Fibonacci Quart.* 1968 (6,5): 44-54, [fibqy>](#)

Gould1965, *Non-Fibonacci numbers*, *Fibonacci Quart.* 1965 (3,3): 177-183, [fibqy>](#)

Gould1965_(corrections), *Non-Fibonacci numbers*, *Fibonacci Quart.* 1965 (3,3): 184, [fibqy>](#)

Gould1981, *A history of the Fibonacci Q-matrix and a higher-dimensional problem*, *Fibonacci Quart.* 1981 (19,3): 250-256, [fibqy>](#)

GoytSagan2009, *Set partition statistics and q-Fibonacci numbers*, European J. Combin. Vol. 30, Issue 1, Jan. 2009, 230-245, [gen>](#)

GregoryMetzger1978, *Fibonacci sine sequences*, Fibonacci Quart. 1978 (16,2): 119-120, [fibqy>](#)

GulecTaskaraUslu2013, *A new approach to generalized Fibonacci and Lucas numbers with binomial coefficients*, Appl. Math. Comput. Vol. 220, Sep 2013, 482-486, [gen>](#)

GuptaPanwar2012, *Common factors of generalized Fibonacci, Jacobsthal and Jacobsthal-Lucas numbers*, Int. J. Appl. Math. Research, 1 (4) (2012) 377-382, [gen>](#)

GuptaPanwarSikhwal2012a, *Generalized Fibonacci sequences*, Theoretical Math. and Appl. vol.2, no.2, 2012, 115-124, [gen>](#)

GuptaPanwarSikhwal2012b, *Generalized Fibonacci-like polynomial and its determinantal identities*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 29, 1415-1420, [gen>](#)

Halton1967, *Some properties associated with square Fibonacci numbers*, The Fibonacci Quarterly 1967 (5,4): 347-354, [fibqy>](#)

HarneBadshahSethiya2014, *Some identities of Fibonacci like sequences*, Int. J. of Math. and Computer Research Vol. 2, issue 3, Mar 2014: 371-374, [gen>](#)

Heberle2012, *A combinatorial approach to r-Fibonacci numbers*, Harvey Mudd College Department of Math.-Claremont-USA (2012). HMC Senior Theses 34, [gen>](#)

Heimer1967, *A general Fibonacci function*, Fibonacci Quart. 1967 (5,5): 481-483, [fibqy>](#)

Heyde1980, *On a probabilistic analogue of the Fibonacci sequence*, J. Appl. Probab. Vol. 17, No. 4, Dec 1980, 1079-1082, [jou>](#)

Hilton1974, *On the partition of Horadam's generalized sequences into generalized Fibonacci and generalized Lucas sequences*, Fibonacci Quart. 1974 (12,4): 339-344, [fibqy>](#)

HiltonPedersenVrancken1995, *On certain arithmetic properties of Fibonacci and Lucas numbers*, Fibonacci Quart. 1995 (33,3): 211-217, [fibqy>](#)

Hoggatt, Jr.1967, *Fibonacci numbers and generalized binomial coefficients*, Fibonacci Quart. 1967 (5,4): 383, [fibqy>](#)

Hoggatt, Jr.Basin1963a, *Representations by complete sequences-Part I (Fibonacci)*, Fibonacci Quart. 1963 (1,3): 1-14, [fibqy>](#)

Hoggatt, Jr.Bicknell1976e, *Reciprocal series of Fibonacci numbers with subscripts 2^{nk}* , Fibonacci Quart. 1976 (14,5): 453-454, [fibqy>](#)

Hoggatt, Jr.Bicknell-Johnson1978a, *A primer for the Fibonacci numbers XVII: Generalized Fibonacci numbers satisfying $u_{(n+1)}u_{(n-1)}-u_{(n)}^2 = \pm 1$* , Fibonacci Quart. 1978 (16,2): 128-137, [fibqy>](#)

Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials*, Fibonacci Quart. 1978 (16,5): 385-402, [fibqy>](#)

Hoggatt, Jr.Lind1968, *Symbolic substitutions into Fibonacci polynomials*, Fibonacci Quart. 1968 (6,5): 55-74, [fibqy>](#)

HollidayKomatsu2011, *On the sum of reciprocal generalized Fibonacci numbers*, Integers 11A (2011) – Proc. of Integers Conference 2009, [gen>](#)

Horadam1961, *A generalized Fibonacci sequence*, Amer. Math. Monthly Vol. 68, No. 5 (May, 1961), 455-459, [nat>](#)

HoradamFilipponi1991, *Cholesky algorithm matrices of Fibonacci type and properties of generalized sequences*, Fibonacci Quart. 1991 (29,2): 164-173, [fibqy>](#)

- Hosoya1976, *Fibonacci triangle*, Fibonacci Quart. 1976 (14,2): 173-179, [fibqy>](#)
- Howard2003, *The sum of squares of two generalized Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 80-84, [fibqy>](#)
- HowardCooper2011, *Some identities for r-Fibonacci numbers*, Fibonacci Quart. 2011 (49,3): 231-242, [fibqy>](#)
- IsmailescuSon2014, *A new kind of Fibonacci-like sequence of composite numbers*, J. of Integer Seq., Vol. 17 (2014), Article 14.8.2, [jis>](#)
- Iyer1969a, *Identities involving generalized Fibonacci numbers*, Fibonacci Quart. 1969 (7,1): 66-72, [fibqy>](#)
- Iyer1969b, *Sums involving Fibonacci numbers*, Fibonacci Quart. 1969 (7,1): 92-98, [fibqy>](#)
- Jennings1993, *Some polynomial identities for the Fibonacci and Lucas numbers*, Fibonacci Quart. 1993 (31,2): 134-137, [fibqy>](#)
- Jennings1994, *On sums of reciprocals of Fibonacci and Lucas numbers*, Fibonacci Quart. 1994 (32,1): 18-21, [fibqy>](#)
- JiaLiuWang2007, *q-analogs of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2007 (45,1): 26-34, [fibqy>](#)
- John1984, *On the asymptotic proportions of zeros and ones in Fibonacci sequences*, Fibonacci Quart. 1984 (22,2): 144-145, [fibqy>](#)
- Joshi2006, *Applications of Fibonacci numbers*, J. Int. Acad. Phys. Sci. Vol.10 (2006), 103-112, [jou>](#)
- Joshi2013, *Fibonacci like sequences and characteristic properties*, Bull. Marathwada Math. Soc. Vol. 14, No. 2, Dec 2013, 25-34, [nat>](#)
- Jun S.P.2015, *Complex factorizations of the generalized Fibonacci sequences $\{q_n\}$* , Korean J. Math. 23 (2015), No. 3,

371-377, [nat>](#)

KaygisizSahin2012a, *Determinant and permanent of Hessenberg matrix and Fibonacci type numbers*, Gen. Math. Notes Vol. 9, No. 2, April 2012, 32-41, [gen>](#)

Kiliç2008, *The Binet formula, sums and representations of generalized Fibonacci p-numbers*, European J. Combin. Vol. 29, Issue 3, Apr 2008, 701-711, [gen>](#)

Kiliç2010, *The generalized Fibonomial matrix*, European J. Combin. Vol. 31, Issue 1, Jan 2010, 193-209, [gen>](#)

Kohler1985, *Generating functions of Fibonacci-like sequences and decimal expansions of some fractions*, Fibonacci Quart. 1985 (23,1): 29-35, [fibqy>](#)

Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle*, Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, [gen>](#)

Lang1992, *A combinatorial problem in the Fibonacci nb. system and two-variable generalizations of Chebyshev's polynomials*, Fibonacci Quart. 1992 (30,3): 199-210, [fibqy>](#)

Lee J-Z.Lee J-S.1988, *A note on the generalized Fibonacci numbers*, Fibonacci Quart. 1998 (26,1): 14-19, [fibqy>](#)

LeeKimLee2002, *Factorizations and eigenvalues of Fibonacci and symmetric Fibonacci matrices*, Fibonacci Quart. 2002 (40,3): 203-211, [fibqy>](#)

LeeLeeKimShin2001, *The Binet formula and representations of k-generalized Fibonacci numbers*, Fibonacci Quart. 2001 (39,2): 158-164, [fibqy>](#)

Levine1968, *Fibonacci sequences with identical characteristic values*, Fibonacci Quart. 1968 (6,5): 75-80, [fibqy>](#)

Li2014, *On Chebyshev polynomials, Fibonacci polynomials, and*

- their derivatives*, J. Appl. Math. Vol. 2014, Article ID 451953, 8 p, [jou>](#)
- Liu2002, *Formulas for convolution Fibonacci numbers and polynomials*, Fibonacci Quart. 2002 (40,4): 352-357, [fibqy>](#)
- LiuZhao F-Z.2012, *On the sums of reciprocal hyperfibonacci numbers and hyperlucas numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.4.5, [jis>](#)
- Luca2000, *Equations involving arithmetic functions of Fibonacci and Lucas numbers*, Fibonacci Quart. 2000 (38,1): 49-55, [fibqy>](#)
- LuJang2013, *The sum and product of Fibonacci numbs. and Lucas numbs., Pell numbs. and Pell-Lucas numbs. representation by matrix method*, WSEAS Trans. on Math., Issue 4, Vol. 12, Apr 2013, [gen>](#)
- MansourShattuck2012, *Polynomials whose coefficients are k-Fibonacci numbers*, Ann. Math. Inform. **40** (2012), p 57-76, [nat>](#)
- MarquesTrojovsky2012, *On divisibility of Fibonomial coefficients by 3*, J. Integer Seq. Vol. 15 (2012), Article 12.6.4, [gen>](#)
- MasonHudson2004, *A generalization of Euler's formula and its connection to Fibonacci numbers*, Proc. 10th int. Conf. on Fibonacci numbers and their Applic. 2004, Vol. 9, 177-185, [gen>](#)
- May_1968, *On a characterization of the Fibonacci sequence*, Fibonacci Quart. 1968 (6,5): 11-14, [fibqy>](#)
- Melham1999, *Sums involving Fibonacci and Pell numbers*, Port. Math. Vol. 56 Fasc. 3, 1999, [nat>](#)
- Melham2000, *Sums of certain products of Fibonacci and Lucas numbers-Part II*, Fibonacci Quart. 2000 (38,1): 3-7, [fibqy>](#)

Melham2003, *On some reciprocal sums of Brousseau; an alternative approach to that of Carlitz*, Fibonacci Quart. 2003 (41,1): 58-62, [fibqy>](#)

Melham2013, *Finite sums that involve reciprocals of products of generalized Fibonacci numbers*, Integers 13 (2013), [gen>](#)

MezòDil2009, *Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence*, Cent. Eur. J. Math. Jun 2009, Vol. 7, Issue 2, 310-321, [gen>](#)

Miles, Jr.1960, *Generalized Fibonacci numbers and associated matrices*, Amer. Math. Monthly, Vol. 67, No. 8 (Oct., 1960), 745-752, [nat>](#)

Monzingo1974a, *On extending the Fibonacci numbers to the negative integers*, Fibonacci Quart. 1974 (12,3): 292, [fibqy>](#)

Monzingo1974b, *On extending the Fibonacci numbers to the negative integers (continued I)*, Fibonacci Quart. 1974 (12,3): 308, [fibqy>](#)

Monzingo1974c, *On extending the Fibonacci numbers to the negative integers (continued II)*, Fibonacci Quart. 1974 (12,3): 316, [fibqy>](#)

Munarini2005, *Generalized q -Fibonacci numbers*, Fibonacci Quart. 2005 (43,3): 233-242, [fibqy>](#)

Muskat1993, *Generalized Fibonacci and Lucas sequences and rootfinding methods*, Math. Comp. **61** (1993), 365-372, [gen>](#)

NalliHaukkanen2009, *On generalized Fibonacci and Lucas polynomials*, Chaos, Solitons and Fractals Vol. **42**, Issue 5, Dec 2009, 3179-3186, [gen>](#)

Nyblom2001, *On irrational valued series involving generalized Fibonacci numbers II*, Fibonacci Quart. 2001 (39,2): 149-157, [fibqy>](#)

Nyblom2003, *A non-integer property of elementary symmetric functions in reciprocals of generalized Fibonacci numbers*, Fibonacci Quart. 2003 (41,2): 152-155, [fibqy>](#)

ÖcalTugluAltinisik2006, *On the representation of k -generalized Fibonacci and Lucas numbers*, Applied Math. Comp. Vol. 170, Issue 1, 584-596 (Nov 2005), [gen>](#)

Ozgur2002, *Generalizations of Fibonacci and Lucas sequences*, Note di Matematica 21, n. 1, 2002, 113-125, [gen>](#)

PanarioSahinWang2013, *A family of Fibonacci-like conditional sequences*, Integers 13 (2013), [gen>](#)

Pandey2013, *On some magnified Fibonacci numbers modulo a Lucas number*, J. Integer Seq. Vol. 16 (2013), Article 13.1.7, [jis>](#)

PanwarRathoreChawla2014, *On the k -Fibonacci-like numbers*, Turkish J. of Analysis and Number Theory, 2014, Vol. 2, No. 1, 9-12, [nat>](#)

PanwarSingh2014a, *Generalized bivariate Fibonacci-like polynomials*, Int J. of Pure Math. Vol. 1, 2014, [gen>](#)

PanwarSingh2014b, *Certain properties of generalized Fibonacci sequence*, Turkish J. of Analysis and Number Theory 2014, Vol. 2, No. 1, 6-8, [nat>](#)

PanwarSingh2014c, *k -generalized Fibonacci numbers*, Appl. Math. and Physics, 2014, Vol. 2, No. 1, 10-12, [gen>](#)

PanwarSinghGupta2013, *Generalized Fibonacci polynomials*, Turkish J. of Analysis and Number Theory, 2013, Vol. 1, No. 1, 43-47, [nat>](#)

PhilippouMakri1985, *Longest success runs and Fibonacci-type polynomials*, Fibonacci Quart. 1985 (23,4): 338-345, [fibqy>](#)

Pla1994, *An "All or None" divisibility property for a class of Fibonacci-like sequences of integers*, Fibonacci Quart. 1994

(32,3): 226-227, [fibqy>](#)

Popov1985, *A note on the sums of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1985 (23,3): 238-239, [fibqy>](#)

Prodinger2009, *On the expansion of Fibonacci and Lucas polynomials*, J. Integer Seq. Vol. 12 (2009), Article 09.1.6, [jis>](#)

Raab1963, *A generalization of the connection between the Fibonacci sequence and Pascal's triangle*, Fibonacci Quart. 1963 (1,3): 21-31, [fibqy>](#)

Rabinowitz1999a, *Algorithmic summation of reciprocals of products of Fibonacci numbers*, Fibonacci Quart. 1999 (37,2): 122-127, [fibqy>](#)

RamirezSirvent2016, *A q-analogue of the bi-periodic Fibonacci sequence*, J. Integer Seq., Vol. 19 (2016), Article 16.4.6, [aXv>](#)

Robbins1994, *On Fibonacci numbers and primes of the form $4k + 1$* , Fibonacci Quart. 1994 (32,1): 15-16, [fibqy>](#)

Rudolph-Lilith2016, *On the product representation of number sequences, with applications to the family of generalized Fibonacci numbers*, J. Integer Seq. Vol. 19 (2016), Article 16.3.6, [jis>](#)

SantosIvkovic2005, *Polynomial generalizations of the Pell sequences and the Fibonacci sequence*, Fibonacci Quart. 2005 (43,4): 328-338, [fibqy>](#)

Sburlati2002, *Generalized Fibonacci sequences and linear congruences*, Fibonacci Quart. 2002 (40,5): 446-452, [fibqy>](#)

Sburlati2007, *Generalized Fibonacci sequences and linear recurrences*, Rend. Sem. Mat. Univ. Pol. Torino – Vol. 65, 3 (2007), [nat>](#)

Shannon2010, *Another generalization of the Fibonacci and Lucas numbers*, Notes Number Theory Discrete Math.16 (2010), 3, 11-17, [gen>](#)

Shapiro1976b, *Fibonacci numbers and upper triangular groups*, Fibonacci Quart. 1976 (14,3): 201-202, [fibqy>](#)

ShattuckWagner2007, *Some generalized Fibonacci polynomials*, J. Integer Seq. Vol. 10 (2007), Article 07.5.3, [jis>](#)

ShiuYerger2009, *Geometric and Harmonic variations of the Fibonacci sequence*, Mathematical Spectrum 2009, [gen>](#)

SiarKeskin2013, *Some new identities concerning generalized Fibonacci and Lucas numbers*, Hacet. J. Math. Stat. Vol. 42 (3) (2013), 211-222, [gen>](#)

SilberGellar1976, *The algebra of Fibonacci representations*, Fibonacci Quart. 1976 (14,4): 289-326, [fibqy>](#)

SilvaHoggatt Jr.1980, *Generalized Fibonacci numbers*, Fibonacci Quart. 1980 (14,4): 290-299, [fibqy>](#)

SinghBhatnagarSikhwal2013, *Fibonacci-like polynomials and some identities*, Int. J. Advanced Math. Sci. 1 (3) (2013) 152-157, [gen>](#)

SinghGuptaSikhwal2014, *Generalized Fibonacci-like polynomials and some identities*, Global J. of Mathematical Analysis, 2 (4) (2014) 249-258, [gen>](#)

Smith2008-09, *On an 'uncounted' Fibonacci identity and its q-analogue*, Fibonacci Quart. 2008-09 (46-47,1): 73-78, [fibqy>](#)

Sofa2003, *Fibonacci and some of his relations*, The Math. Educ. into the 21st Century Project – Proc. Int. Conf. Brno, Czech Rep. 2003, [gen>](#)

SofaCerone1998b, *On a Fibonacci related series*, Fibonacci Quart. 1998 (36,3): 211-215, [fibqy>](#)

StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p -numbers*, Chaos, Solitons and Fractals, Vol. 27, Issue 5, Mar 2006, 1162-1177, [gen>](#)

StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices*, Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606-2619, [gen>](#)

Stanley1975, *The Fibonacci lattice*, Fibonacci Quart. 1975 (13,3): 215-232, [fibqy>](#)

Stanley1976, *Some remarks on the periodicity of the sequence of Fibonacci numbers*, Fibonacci Quart. 1976 (14,1): 52-53, [fibqy>](#)

Steiner1978, *On N -th powers in the Lucas and Fibonacci series*, Fibonacci Quart. 1978 (vol.16,5): 451-458, [fibqy>](#)

Sun Z-H.Sun Z-W.1992, *Fibonacci numbers and Fermat's last theorem*, Acta Arith. LX.4 (1992), [gen>](#)

Swift2003, *Some Fibonacci-like sequences*, Appl. Prob. Trust 2003, [gen>](#)

TaherMoulineRachidi2002, *Convergence of r -generalized Fibonacci sequences and an extension of Ostrowski's condition*, Fibonacci Quart. 2002 (40,5): 386-393, [fibqy>](#)

Tauber1968a, *Lah numbers for Fibonacci and Lucas polynomials*, Fibonacci Quart. 1968 (6,5): 93-99, [fibqy>](#)

Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 19 (2016), Article 16.5.4, [jis>](#)

Tingting W.Wenpeng Z.2012, *Some identities involving Fibonacci, Lucas polynomials and their applications*, Bull. Math. Soc. Sci. Math. Roumanie Tome 55 (103) No. 1, 2012, 95-103, [nat>](#)

Vaughan1976, *A note on some arithmetic functions connected with the Fibonacci numbers*, Fibonacci Quart. 1976 (14,3): 244-248, [fibqy>](#)

Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials*, J. Integer Seq. Vol. 15 (2012), Article 12.2.7, [jis>](#)

Vince1978, *The Fibonacci sequence modulo N*, Fibonacci Quart. 1978 (16,5): 403-406, [fibqy>](#)

Vinh2007, *On Fibonacci-like sequences*, J. Integer Seq. Vol. 10 (2007), Article 07.10.2, [jis>](#)

Vsemirnov2004, *A new Fibonacci-like sequence of composite numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.3.7, [jis>](#)

Waddill1974, *Matrices and generalized Fibonacci sequences*, Fibonacci Quart. 1974 (12,4): 381-386, [fibqy>](#)

Wall1985, *On triangular Fibonacci numbers*, Fibonacci Quart. 1985 (23,1): 77-79, [fibqy>](#)

WaltonHoradam1974a, *Some aspects of generalized Fibonacci numbers*, Fibonacci Quart. 1974 (12,3): 241-250, [fibqy>](#)

Wang J.1995, *On the k^{th} derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1995 (33,2): 174-178, [fibqy>](#)

Wang W.Wang T.2008a, *Identities via Bell matrix and Fibonacci matrix*, Discrete Appl. Math. Vol. 156, Issue 14, 28 Jul 2008, 2793-2803, [gen>](#)

Williams1975, *On Fibonacci numbers of the form $k^2 + 1$* , Fibonacci Quart. 1975 (13,3): 213-214, [fibqy>](#)

WitulaSlota2009, *δ -Fibonacci numbers*, Appl. Anal. Discrete Math. 2009, **3** Issue 2, 310-329, [gen>](#)

Wloch2013, *Some identities for the generalized Fibonacci*

numbers and the generalized Lucas numbers, Appl. Math. Comput. Vol. 219, Issue 10, Jan 2013, 5564-5568, [gen>](#)

Yayenie2011, *A note on generalized Fibonacci sequences*, Appl. Math. Comput. Vol. 217, Issue 12, Feb 2011, 5603-5611, [gen>](#)

Young1994, *p-adic congruences for generalized Fibonacci sequences*, Fibonacci Quart. 1994 (32,1): 2-10, [fibqy>](#)

YuanHeZhou2014, *On the sum of reciprocal generalized Fibonacci numbers*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 402540, 4 p, [gen>](#)

Zhang G.J.2011, *The infinite sum of reciprocal of the Fibonacci numbers*, J. Math. Res. Exposition, Nov 2011, Vol. 31, No. 6, 1030-1034, [jou>](#)

Zhang T.Ma2005, *On generalized Fibonacci polynomials and Bernoulli numbers*, J. Integer Seq. Vol. 8 (2005), Article 05.5.3, [jis>](#)

Zhang W.1997, *Some identities involving the Fibonacci numbers*, Fibonacci Quart. 1997 (35,3): 225-229, [fibqy>](#)

Zhang W.2002, *On Chebyshev polynomials and Fibonacci numbers*, Fibonacci Quart. 2002 (40,5): 424-428, [fibqy>](#)

Zhang W.2004, *Some identities involving the Fibonacci numbers and Lucas numbers*, Fibonacci Quart. 2004 (42,2): 149-154, [fibqy>](#)

Zhang Z.Wang X.2007, *A factorization of the symmetric Pascal matrix involving the Fibonacci matrix*, Discrete Appl. Math. Vol. 155, Issue 17, Oct 2007, 2371-2376, [gen>](#)

ZhangWu2013, *On the reciprocal sums of the generalized Fibonacci sequences*, Adv. Difference Equ. 2013, 2013: 377, [gen>](#)

Zhao F.2001, *Summation of certain reciprocal series related to*

the generalized Fibonacci and Lucas numbers, Fibonacci Quart. 2001 (39,5): 392-397, [fibqy>](#)

Zhao F.Wang T.2001b, *Some identities for the generalized Fibonacci and Lucas functions*, Fibonacci Quart. 2001 (39,5): 436-438, [fibqy>](#)

Zhao Y.2008-09, *The coefficients of a truncated Fibonacci power series*, Fibonacci Quart. 2008-09 (46-47,1): 53-55, [fibqy>](#)

Zhou1996, *On the kth-order derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1996 (34,5): 394-408, [fibqy>](#)

Fibonacci-Lucas

Dar2012, *Generalized Fibonacci-Lucas sequence*, Int. J. of Mathematical Archive-3(6), 2012, [gen>](#)

Ma1998, *A generalization of the Kummer identity and its application to Fibonacci-Lucas sequences*, Fibonacci Quart. 1998 (36,4): 339-347, [fibqy>](#)

SinghSikhwalGupta2014, *Generalized Fibonacci-Lucas Sequence*, Turkish J. of Analysis and Number Theory, 2014, Vol. 2, No. 6, 193-197, [nat>](#)

SinghSikhwalParsaiGupta2014, *Generalized Fibonacci-Lucas polynomials*, Int. J. Advanced Math. Sci. 2 (1) (2014) 81-87, [gen>](#)

Zhang Z.Jin1998, *Some identities involving generalized Genocchi polynomials and generalized Fibonacci-Lucas sequences*, Fibonacci Quart. 1998 (36,4): 329-334, [fibqy>](#)

Zhou2003, *Applications of matrix theory to congruence properties of kth-order F-L sequences*, Fibonacci Quart. 2003 (41,1): 48-58, [fibqy>](#)

Fibonomial coefficients

AmdeberhanChenMollSagan2014, *Generalized Fibonacci polynomials and Fibonomial coefficients*, Ann. Comb. (2014) Vol.18, Issue 4: 541-562, [gen>](#)

BenjaminPlott2008-2009, *A combinatorial approach to fibonomial coefficients*, Fibonacci Quart. 2008-09 (46-47,1): 7-9, [fibqy>](#)

BenjaminQuinnRouse2004, *Fibonomial identities*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 19-24, [gen>](#)

Kiliç2010, *The generalized Fibonomial matrix*, European J. Combin. Vol. 31, Issue 1, Jan 2010, 193-209, [gen>](#)

Marques2012, *Fibonomial coefficients at most one away from Fibonacci numbers*, Demonstratio Math. Vol. XLV No 1 2012, [gen>](#)

SeibertTrojovsky2005, *On some identities for the Fibonomial coefficients*, Math. Slovaca, Vol. 55 (2005), No. 1, 9-19, [nat>](#)

TugluYesilKocerDziemianczuk2014, *The s -analogue of Riordan representation of Pascal matrices via fibonomial coefficients*, J. Appl. Math. Vol. 2014 (2014), Article ID 841826, 6 p, [jou>](#)

Velasco2011, *On s -fibonomials*, J. Integer Seq. Vol. 14 (2011), Article 11.3.7, [jis>](#)

Fine

DeutschShapiro2001, *A survey of the Fine numbers*, Discrete Math. Vol. 241, Issues 1–3, 28 Oct 2001, 241-265, [gen>](#)

Frobenius

KimKimRimDolgy2013b, *Some identities of Frobenius-type Eulerian polynomials arising from umbral calculus*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 53, 2637-2644, [gen>](#)

KimMansour2014, *Umbral calculus associated with Frobenius-type*

Eulerian polynomials, Russ. J. Math. Phys. Jun 2014, Vol. 21, Issue 4, 484-493, [nat>](#)

ShallitStakowicz2011, *Unbounded discrepancies in Frobenious numbers*, Integers 11.1 (2011): 27-34, [gen>](#)

Gandhi

HanZeng1999a, *q-polynômes de Gandhi et statistique de Denert*, Discrete Math. Vol. 205, Issues 1–3, 28 July 1999, 119-143, [gen>](#)

Gauss (see also hypergeometric)

AhmiaBelbachirBelkhir2014, *The log-concavity and log-convexity properties associated to hyperPell and hyperPell-Lucas sequences*, Ann. Math. Inform. 43 (2014) 3-12, [gen>](#)

BahsiMezoSolak2014, *A symmetric algorithm for hyper-Fibonacci and hyper-Lucas numbers*, Ann. Math. Inform. **43** (2014), 19-27, [gen>](#)

BelbachirBelkhir2014, *Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.3, [aXv>](#)

Ben Cheikh0uni2008, *Some generalized hypergeometric d-orthogonal polyn. sets*, J. Math. Anal. Appl. Vol. 343, Issue 1, Jul 2008, 464-478, [jou>](#)

Berndt2000, *Flowers which we cannot yet see growing in Ramanujan's garden of hypergeometric series, elliptic functions, and q's*, Nato Sci. Ser. II Math. Phys. Chem. Vol. 30, 2001, 61-85, [gen>](#)

Beukers2009, *Gauss hypergeometric function*, Vol. 260 of Progress in Mathematics, 23-42, [gen>](#)

ByrnesJiuMollVignat2013, *Recursion rules for the hypergeometric zeta function*, arXiv (8 May 2013), [aXv>](#)

CaoZhao F-Z.2010, *Some properties of hyperFibonacci and hyperLucas numbers*, J. Integer Seq. Vol. 13 (2010), Article 10.8.8, [jis>](#)

ChanChenSrivastava2002, *Certain classes of generating functions for the Jacobi and related hypergeometric polynomials*, Comput. Math. Appl. Vol. 44, Issue 12, Dec 2002, 1539-1556, [gen>](#)

ChenSrivastava1995, *Orthogonality relations and generating functions for Jacobi polynomials and related hypergeometric functions*, Appl. Math. Comput. Vol. 68, Issues 2–3, 15 Mar 1995, 153-188, [gen>](#)

Chu1997a, *Hypergeometric series and the Riemann zeta function*, Acta Arith. LXXXII.2 (1997), [gen>](#)

Chu2002, *Inversion techniques and combinatorial identities: balanced hypergeometric series*, Rocky Mountain J. Math. Vol. 32, No. 2 (2002), 561-588, [nat>](#)

CohlMacKenzieVolkmer2013, *Generalizations of generating functions for hypergeometric orthogonal polynomials with definite integrals*, J. Math. Anal. Appl. Vol. 407, Issue 2, Nov 2013, 211-225, [jou>](#)

Dilcher2000, *Hypergeometric functions and Fibonacci numbers*, Fibonacci Quart. 2000 (38,4): 342-363, [fibqy>](#)

EhrenborgReaddy2016, *The Gaussian coefficient revisited*, J. Integer Seq. Vol. 19 (2016), Article 16.7.8, [jis>](#)

HassenNguyen2005, *Hypergeometric zeta functions*, arXiv (27 Sep 2005), [aXv>](#)

HassenNguyen2008, *Hypergeometric Bernoulli polynomials and Appell sequences*, Int. J. Number Theory, Vol. 04, Issue 05, Oct 2008, [gen>](#)

KoekoekLeskySwarttouw2013, *Hypergeometric orthogonal*

polynomials and their q-analogues, Springer Monographs in Mathematics 2013, [gen>](#)

Koornwinder1988, *Group theoretic interpretation of Askey's scheme of hypergeometric orthogonal polynomials*, Lecture Notes in Math. Vol. 1329, 1988, 46-72, [gen>](#)

Koornwinder2014, *Additions to the formula lists in "Hypergeometric orthogonal polynomials and their q-analogues" by Koekoek, Lesky and Swarttouw*, arXiv (4 Jan 2014), [aXv>](#)

Koornwinder0nn2006, *LU factorizations, $q = 0$ limits, and p -adic interpretations of some q -hypergeometric orthogonal polynomials*, Ramanujan J. Vol. 13, Issue 1-3, (Jun 2007), 365-387, [aXv>](#)

LahiriSatyanarayana1995, *Certain bilateral generating relations for generalized hypergeometric functions*, Proc. Indian Acad. Sci. Math. Sci. (Aug 1995) Vol. 105, Issue 3, 297-301, [nat>](#)

LiuWang W.2012, *Harmonic number identities via hypergeometric series and Bell polynomials*, Integral Transforms Spec. Funct. Vol. 23, Issue 1, 2012, [gen>](#)

LiuZhao F-Z.2012, *On the sums of reciprocal hyperfibonacci numbers and hyperlucas numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.4.5, [jis>](#)

LouckBiedenharn1977, *A generalization of the Gauss hypergeometric series*, J. Math. Anal. Appl. Vol. 59, Issue 3, Jul 1977, 423-431, [jou>](#)

MubeenRahmanRehmanNaz2014, *Contiguous function relations for k -hypergeometric functions*, Mathematical Analysis Vol. 2014 (2014), Article ID 410801, 6 p, [gen>](#)

Neuschel2012, *Asymptotics for ménage polynomials and certain hypergeometric polynomials of type $3F_1$* , J. Approx. Theory 164 (2012) 981-1006, [jou>](#)

PandaSrivastava1976, *Some bilateral generating functions for a class of generalized hypergeometric polynomials*, Journal für die reine und angewandte Mathematik Vol. 1976, Issue 283-284, 265-274, [nat>](#)

SatyanarayanaSrimannarayanaKumar2014, *Certain bilateral generating relations for a class of generalized hypergeometric functions of two variables*, Universal Journal of Applied Mathematics 2(1): 5-9, 2014, [gen>](#)

Soria-LorenteCumbrera-Gonzales2014, *q-hypergeometric representations of the q-analogue of zeta function*, J. of Fractional Calculus and Applications Vol. 5 (2) Jul 2014, 1-8, [jou>](#)

Vidūnas2009, *Specialization of Appell's functions to univariate hypergeometric functions*, arXiv(17 Oct 2009), [aXv>](#)

Gegenbauer (see also ultraspherical)

Anshelevich2011, *A characterization of ultraspherical polynomials*, arXiv (3 Aug 2011), [aXv>](#)

AskeyKoorwinderRahman1986, *An integral of products of ultraspherical functions and q-extensions*, J. Lond. Math. Soc. (2) (1986) 33 (1): 133-148, [nat>](#)

Chatterjea1969, *Bilateral generating function for the ultraspherical polynomials*, Pacific J. Math. Vol. 29, No. 1 (1969), 73-76, [nat>](#)

Demni2009, *Ultraspherical type generating functions for orthogonal polynomials*, Probab. Math. Statist. Vol. 29, Fasc. 2 (2009), 281-296, [gen>](#)

GouldHe2013, *Characterization of (c)-Riordan arrays, Gegenbauer-Humbert-type polynomial sequences, and (c)-Bell polynomials*, J. Mathematical Research with Appl. Sept., 2013, Vol. 33, No. 5, 505-527, [jou>](#)

GrozaKachuryk2006, *On orthogonality relations for dual discrete q -ultraspherical polynomials*, SIGMA Symmetry Integrability Geom. Methods Appl. Vol. 2 (2006), Paper 034, 8 p, [gen>](#)

Horadam1985, *Gegenbauer polynomials revisited*, Fibonacci Quart. 1985 (23,4): 294-299, [fibqy>](#)

HoradamPethe1981, *Polynomials associated with Gegenbauer polynomials*, Fibonacci Quart. 1981 (19,5): 393-397, [fibqy>](#)

KhanAsif2012, *Jacobi type and Gegenbauer type generalization of certain polynomials*, Mat. Vesnik, 64, 2 (2012), 147-158, Jun 2012, [nat>](#)

Koelink1995, *Identities for q -ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)

Koornwinder1990, *Jacobi functions as limit cases of q -ultraspherical polynomials*, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44–54, [jou>](#)

Nagel1994, *The relativistic Hermite polynomial is a Gegenbauer polynomial*, J. Math. Phys. 35, 1549 (1994), [jou>](#)

PacharoniZurrian2014, *Matrix ultraspherical polynomials: the 2×2 fundamental cases*, arXiv (31 may 2014), [aXv>](#)

Yasmin2014, *Some properties of generalized Gegenbauer matrix polynomials*, Int. J. of Analysis Vol. 2014 (2014), Article ID 780649, 12 p, [gen>](#)

Gegenbauer-Humbert

He2011b, *Characterizations of orthogonal generalized Gegenbauer-Humbert polynomials and orthogonal Sheffer-type polynomials*, J. Comput. Anal. Appl. 13.4 (2011): 701-723, [jou>](#)

HeShiueWeng2011, *Sequences of numbers meet the generalized*

Gegenbauer-Humbert polynomials, Inter. Scholarly Research Network, Vol. 2011, Article ID 674167, 16 p, [gen>](#)

generating functions

AgarwalTariboonJain2014, *New bilateral type generating function associated with I-function*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 157297, 3 p, [gen>](#)

AgrawalChaubey1981, *Bilateral generating relations for a function defined by generalized Rodrigues formula*, Indian J. Pure Appl. Math. **12**(3): 377-379, Mar 1981, [nat>](#)

AharmimHamayaniWassouliGhanmi2013, *New operational formulas and generating functions for the generalized Zernike polynomials*, arXiv (12 Dec 2013), [aXv>](#)

AlamChongdar2007, *On generating functions of modified Laguerre polyn.*, Rev. Real Academia de Ciencias, Zaragoza 62: 91–98, (2007), [nat>](#)

AtakishiyevaAtakishiyev2011, *A non-standard generating function for continuous dual q-Hahn polynomials*, Revista de Matema'tica: Teorı'a y Aplicaciones Vol. 18 (1): 111-120, Jan 2011, [nat>](#)

BabusciDattoliGorskaPenson2012, *Generating functions for Laguerre polynomials: new identities for Lacunary Series*, arXiv (13 Oct 2012), [aXv>](#)

BarberoSalasVillasenior2013, *Bivariate generating functions for a class of linear recurrences. II. Applications*, arXiv (22 jul 2013), [aXv>](#)

BeraChongdar2013, *On an extension of bilateral gfs of modified Jacobi polyn. from the existence of partial-quasi bilinear gf*, Int. J. Math. Anal. Vol. 7, 2013, no. 35, 1743-1749, [gen>](#)

Brafman1951, *Generating functions of Jacobi and related polynomials*, Proc. Amer. Math. Soc. (1951) xxxx, [nat>](#)

Buschman1965, *A generating function for Fibonacci numbers*, Fibonacci Quart. 1965 (3,3): 199-200, [fibqy>](#)

Callan2007, *On generating functions involving the square root of a quadratic polynomial*, J. Integer Seq. Vol. 10 (2007), Article 07.5.2, [jis>](#)

Carlitz1968c, *Some generating functions for Laguerre polynomials*, Duke Math. J. Vol. 35, Number 4 (1968), 825-827, [gen>](#)

Carlitz1969, *Generating functions*, Fibonacci Quart. 1969 (7,4): 359-393, Carlitz1975b, *Note on some generating functions*, Fibonacci Quart. 1975 (13,2): 129-133, [fibqy>](#)

ChanChenSrivastava2002, *Certain classes of generating functions for the Jacobi and related hypergeometric polynomials*, Comput. Math. Appl. Vol. 44, Issue 12, Dec 2002, 1539-1556, [gen>](#)

ChandraSamantaBera2013, *On bilateral generating functions of extended Jacobi polynomials*, Int. J. Contemp. Math. Sci. Vol. 8, 2013, no. 20, 1001-1005, [gen>](#)

Chatterjea1962, *On a generating function of Laguerre polynomials*, Boll. Unione Mat. Ital. Serie 3, Vol. 17 (1962), n.2, 179-182, [nat>](#)

Chatterjea1969, *Bilateral generating function for the ultraspherical polynomials*, Pacific J. Math. Vol. 29, No. 1 (1969), 73-76, [nat>](#)

Chen2007, *Inversion of generating functions using determinants*, J. Integer Seq. Vol. 10 (2007), Article 07.10.5, [jis>](#)

ChenSrivastava1995, *Orthogonality relations and generating functions for Jacobi polynomials and related hypergeometric functions*, Appl. Math. Comput. Vol. 68, Issues 2-3, Mar 1995, 153-188, [gen>](#)

- Chongdar1992, *On certain bilateral generating functions*, Rend. Istit. Mat. Univ. Trieste vol. XXIV (I-II) 1992, 73-79, [nat>](#)
- ChuVicenti2003, *Funzione generatrice e polinomi incompleti di Fibonacci e Lucas*, Boll. Unione Mat. Ital. Serie 8, Vol. 6-B (2003), n.2, 289-308, [nat>](#)
- Cohen1976, *Generating functions for the Jacobi polynomial*, Proc. Amer. Math. Soc. Vol. 57, No. 2, Jun 1976, [nat>](#)
- Cohen1977, *Some classes of generating functions for the Laguerre and Hermite polynomials*, Math. Comp. Vol. 31, No. 238, Apr 1977, 511-518, [gen>](#)
- CohenSun1981, *On some extensions of the Meixner-Weisner generating functions*, Fibonacci Quart. 1981 (19,5): 422-425, [fibqy>](#)
- CohlMacKenzieVolkmer2013, *Generalizations of generating functions for hypergeometric orthogonal polynomials with definite integrals*, J. Math. Anal. Appl. Vol. 407, Issue 2, Nov 2013, 211-225, [jou>](#)
- Cossali2003, *A common generating function for Catalan numbers and other integer sequences*, J. Integer Seq. Vol. 6 (2003), Article 03.1.8, [jis>](#)
- DasChongdar2011, *On bilateral generating functions of modified Jacobi polynomials by group theoretic method*, J. of Science and Arts Year 11, No. 4(17), 417-424, 2011, [jou>](#)
- DattoliLorenzuttaSacchetti2001, *Multivariable Lagrange expansion and generalization of Carlitz–Srivastava mixed generating functions*, J. Math. Anal. Appl. Vol. 257, Issue 2, May 2001, 308-320, [jou>](#)
- DattoliMiglioratiSrivastava2004, *Some families of generating functions for the Bessel and related functions*, Georgian Math. J. Vol. 11 (2004), No. 2, 219-228, [nat>](#)

Demni2009, *Ultraspherical type generating functions for orthogonal polynomials*, Probab. Math. Statist. Vol. 29, Fasc. 2 (2009), 281-296, [gen>](#)

DesaleQashash2011, *A general class of generating functions of Laguerre polynomials*, J. Inequal. Spec. Funct. Vol. 2, Issue 2, 1-7, [gen>](#)

DesaleQashash2011a, *Trilateral Generating Function for Hermite, Jacobi and Bessel Polyn.*, Int. Journal of Math. Analysis, Vol. 5, 2011, no. 47, 2329 – 2335, [jou>](#)

Djordjevic2004, *Generating functions of the incomplete generalized Fibonacci and generalized Lucas numbers*, Fibonacci Quart. 2004 (42,2): 106-113, [fibqy>](#)

FoataLeroux1983, *Polynômes de Jacobi, interprétation combinatoire et fonction génératrice*, Proc. Amer. Math. Soc. Vol. 87, No. 1 (Jan-Apr, 1983), 47-53, [nat>](#)

FlajoletGardyGouyou-Beauchamps2004, *Generating functions for generating trees*, arXiv (11 Nov 2004), [aXv>](#)

Fray1967, *A generating function associated with the generalized Stirling numbers*, Fibonacci Quart. 1967 (5,4): 356-366, [fibqy>](#)

GabouryTremblay2014, *A further investigation of generating functions related to pairs of inverse functions with appl. to generalized degenerate Bernoulli polyn.*, Bull. Korean Math. Soc. 51 (2014), No. 3, 831-845, [nat>](#)

GetuShapiroWoanWoodson1992, *How to guess a generating function*, SIAM J. Discrete Math. Vol. 5 Issue 4, Nov. 1992, 497-499, [gen>](#)

GoginHirvensalo2007, *On the generating function of discrete Chebyshev polynomials*, Turku Centre for Computer Science, TUCS Technical Report No 819, Apr 2007, [nat>](#)

Griffiths2014, *Generating functions for extended Stirling numbers of the first kind*, J. Integer Seq. Vol. 17 (2014), Article 14.6.4, [jis>](#)

Hansen1972, *Generating identities for Fibonacci and Lucas triples*, Fibonacci Quart. 1972 (10,6): 571-578, [fibqy>](#)

Henrici1955, *On generating functions for the Jacobi polynomial*, Pacific J. Math. 5 (1955), no. 2, 923-931, [nat>](#)

Howard1996, *Sums of powers of integers via generating functions*, Fibonacci Quart. 1996 (34,3): 244-256, [fibqy>](#)

HubbellSrivastava1990, *Certain theorems on bilateral generating functions involving Hermite, Laguerre, and Gegenbauer polynomials*, J. Math. Anal. Appl. Vol. 152, Issue 2, Nov. 1990, 343-353, [jou>](#)

HussainSingh1979, *Mixed generating relations for polyn. related to Konhauser biorthogonal polynomials*, Port. Math. 1979, Vol. 38, Issue: 3-4, 181-187, [nat>](#)

IsmailRashed1977, *Polynomials expansions and generating functions*, J. Math. Anal. Appl. Vol. 57, Issue 3, Sep 1963 1977, 457-477, [gen>](#)

KamarujjamaHussainAftab1997, *On partly bilateral and partly unilateral generating relations*, Soochow J. Math. Vol. 23, No. 4, 359-363, Oct 1997,

Kar1996, *On a general class of generating functions involving modified Bessel polynomials*, Bulletin Calcutta Math. Soc. Vol. 88, No. 5, Oct 1996, Article No. 51, 363-366, [nat>](#)

KarandeThakare1973, *A note on the generating function of Laguerre polynomials*, Current Sci. 1973 (42,15): 531, [gen>](#)

KidaUrata2013, *Involutions on generating functions*, J. Integer Seq. Vol. 16 (2013), Article 13.1.6, [jis>](#)

KiliçProdinger2014, *A note on the conjecture of Ramirez and Sirvent*, J. of Integer Seq. Vol. 17 (2014), Article 14.5.8, [jis>](#)

Kruchinin D.Kruchinin V.2012, *A method for obtaining generating functions for central coefficients of triangles*, J. Integer Seq., Vol. 15 (2012), Article 12.9.3, [jis>](#)

LahiriSatyanarayana1995, *Certain bilateral generating relations for generalized hypergeometric functions*, Proc. Indian Acad. Sci. Math. Sci. (Aug 1995) Vol. 105, Issue 3, 297-301, [nat>](#)

Lang2002, *On polynomials related to derivatives of the generating functions of Catalan numbers*, Fibonacci Quart. 2002 (40,4): 299-312, [fibqy>](#)

Lee P-A.1997, *Probability distribution and a generating function of Laguerre polynomials*, Bull. Inst. Math. Acad. Sin. (N.S.), [nat>](#)

LinTuSrivastava2001, *New generating functions for a class of generalized Hermite polynomials*, J. Math. Anal. and Appl. **261**, Issue 2, Sep 2001, 479-496, [jou>](#)

MahonHoradam1987b, *Ordinary generating functions for Pell polynomials*, Fibonacci Quart. 1987 (25.1): 45-56, [fibqy>](#)

Manocha1967, *Some bilinear generating functions for Jacobi polynomials*, Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 457-459, [nat>](#)

ManochaSharma1967, *Generating functions of Jacobi polynomials*, Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 431-433, [nat>](#)

Mansour2004a, *A formula for the generating functions of powers of Horadam's sequence*, Australas. J. Combin. Vol. 30 (2004), 207-212, [nat>](#)

- Mittal1972, *Polynomials defined by generating functions*, Trans. Amer. Math. Soc. Vol. 168, Jun 1972, 73-84, [nat>](#)
- Mukherjee1996, *Generating functions on extended Jacobi polynomials from Lie group view point*, Publ. Mat. Vol 40 (1996), 3-13, [gen>](#)
- Mukherjee2002, *An extension of bilateral generating function of certain special function-II*, Rev. Real Academia de Ciencias. Zaragoza. **57**: 143-146, (2002), [nat>](#)
- MunotMathur1982, *On a multilateral generating function for the extended Jacobi polynomials*, Indian J. Pure Appl. Math. **13**(5): 597-600, May 1982, [nat>](#)
- NkwantaTefera2013, *Curious relations and identities involving the Catalan generating function and numbers*, J. of Integer Seq. Vol. 16 (2013), Article 13.9.5, [jis>](#)
- ÖnerDanisTurkunHatinogluXXXX, *Other generating functions*, Math 543 Bonus Project 1-Bilkent Univ. (Ankara) Turkey, [gen>](#)
- pahio2013, *Generating function of Laguerre polynomials*, xxxx, xxxx>
- PandaSrivastava1976, *Some bilateral generating functions for a class of generalized hypergeometric polynomials*, Journal für die reine und angewandte Mathematik Vol. 1976, Issue 283-284, 265–274, [nat>](#)
- PatilThakare1976a, *New operational formulas and generating functions for Laguerre polynomials*, Indian J. Pure Appl. Math. 1976 (7,10): 1104-1118, [nat>](#)
- PatilThakare1976b, *Some generating functions in unified form for the classical orthogonal polynomials and Bessel polynomials*, Indian J. Pure Appl. Math. 1976 (8,1): 94-102, [nat>](#)
- PatilThakare1977, *Bilateral generating function for a function*

defined by generalized Rodrigue's formula, Indian J. Pure Appl. Math. 1977 (8,4): 425-429, [nat>](#)

PeartWoan2000a, Generating functions via Hankel and Stieltjes matrices, J. Integer Seq. Vol. 3 (2000), Article 00.2.1, [jis>](#)

PintérSrivastava1999, Generating functions of the incomplete Fibonacci and Lucas numbers, Rend. Circ. Mat. Palermo (2), Tomo XLVII! (1999), 591-596, [nat>](#)

Shannon1974b, A method of Carlitz applied to the kth power generating function for Fibonacci numbers, Fibonacci Quart. 1974 (12,3): 293-299, [fibqy>](#)

ShuklaMeher2010, Generating functions for Laguerre type polynomials of two variables $L_n^{(a-n)}(x,y)$ by using group theoretic method, Int. J. Math. Anal. (Ruse), Vol. 4, 2010, no. 48, 2357-2366, [gen>](#)

Simsek2013a, Generating function for generalized Stirling type numbers, array type polynomials, Eulerian type polynomials and their applications, Fixed Point Theory Appl. 2013, 2013: 87, [gen>](#)

SinghalSrivastava1972, A class of bilateral generating functions for certain classical polyn., Pacific J. Math. Volume 42, Number 3 (1972), 755-762, [nat>](#)

Srivastava1969a, Some bilinear generating functions, Proc. Natl. Acad. Sci. USA Vol. 64, No. 2 (Oct. 15, 1969), 462-465, [nat>](#)

Srivastava1969b, Generating functions for Jacobi and Laguerre polynomials, Proc. Amer. Math. Soc. **23** (1969), 590-595, [nat>](#)

Srivastava1974, Note on certain generating functions for Jacobi and Laguerre polynomials, Publications de l'Institut Mathématique 31 (1974): 149-154, [nat>](#)

Srivastava1980, Some bilateral generating functions for a

certain class of special functions. I l, Indagationes Mathematicae (Proceedings) Vol. 83, Issue 2, 1980, 234-246, [gen>](#)

SrivastavaLavoie1975, *A certain method of obtainiing bilateral generating functions*, Mathematics Indagationes Mathematicae (Proceedings) Vol. 78, Issue 4, 1975, 304-320, [gen>](#)

SrivastavaSingh1979b, *Some generating relations connected with a function defined by a generalized Rodrigues formula*, Indian J. Pure Appl. Math. **10** (10): 1312-1317, Oct 1979, [nat>](#)

SrivastavaSinghSingh1979, *Operational derivation of generating functions of a generalized function*, Indian J. Pure Appl. Math. **10** (3), 326-328, Mar 1979, [nat>](#)

SrivastavaSinghSingh1980, *Bilateral generating functions for a new class of generalized Legendre polynomials*, Int. J. Math. Math. Sci. Vol. 3, No. 2 (1980), 305-310, [gen>](#)

SrivastavaYeh2002, *Certain theorems on bilinear and bilateral generating functions*, Anziam J. 43 (2002), 567-574, [gen>](#)

ThakareMadhekar1982, *Use of Hermite's method to obtain generating functions for classical orthogonal polynomials*, Indian J. Pure Appl. Math. **13**(2): 183-189, Feb 1982, [nat>](#)

Thakurta1987, *Some generating functions of Laguerre polynomials*, Int. J. Math. Math. Sci. Vol. 10, No.3 (1987), 531-534, [gen>](#)

WanZudilin2011, *Generating functions of Legendre polynomials: A tribure to Fred Brafman*, xxxx, [gen>](#)

Watanabe2010, *Symmetry in generating functions*, Symmetry 2010, 2, 346-365, [gen>](#)

Yang S.Srivastava1997, *Some families of generating functions for the Bessel polynomials*, J. Math. Anal. Appl. Vol. 211, Issue 1, Jul 1997, 314-325, [jou>](#)

Zudilin2014, *A generating function of the squares of Legendre polynomials*, Bull. Austral. Math. Soc. 89:1 (2014) 125-131 arXiv (4 dec 2012), [aXv>](#)

Genocchi

Agoh2014, *Convolution identities for Bernoulli and Genocchi polynomials*, Electron. J. Combin. **21** (1) (2014), [gen>](#)

AraciAcikgozQi2013, *On the q -Genocchi numbers and polyn. with weight zero and their applications*, Nonlinear Funct. Anal. Appl. Vol. 18, No. 2 (2013), 193-203, [gen>](#)

AraciAcikgozSen2014a, *Some new formulae for Genocchi numbers and polynomials Involving Bernoulli and Euler polynomials*, Int. J. Math. Math. Sci. Vol. 2014 (2014), Article ID 760613, 7 p, [gen>](#)

AraciBagdasaryanAgyuzAcikgoz2013, *On the modified q -Genocchi numbers and polynomials and their applications*, arXiv (23 Nov 2013), [aXv>](#)

AraciSenAcikgoz2014, *Theorems on Genocchi polynomials of higher order arising from Genocchi basis*, Taiwanese J. Math. Vol. 18, No. 2, 473-482, 2014, [nat>](#)

DereSimsek2011b, *Genocchi polynomials associated with the umbral algebra*, Appl. Math. Comput. Vol. 218, Issue 3, Oct 2011, 756-761, [gen>](#)

Domaratzki2004, *Combinatorial interpretations of a generalization of the Genocchi numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.3.6, [jis>](#)

DumontFoata1976, *Une propriété de symétrie des nombres de Genocchi*, Bulletin de la S. M. F., tome 104 (1976), 433-451, [nat>](#)

DumontRandrianarivony1994, *Dérangements et nombres de Genocchi*, Discrete Math. Vol. 132, Issues 1-3, Sep 1994,

37-49, [gen>](#)

Gandhi1970, *A conjectured representation of Genocchi numbers*, Amer. Math. Monthly, Vol. 77, No.5, (may 1970), 505-506, [nat>](#)

GuoQi2015a, *A new explicit formula for Bernoulli and Genocchi numbers in terms of Stirling numbers*, Global J. of Mathematical Anal. 3 (1) (2015) 33-36, [gen>](#)

HanZeng1999b, *On a q -sequence that generalizes the median Genocchi numbers*, Ann. Sci. Math. Québec 23 (1999), no. 1, 63-72, [gen>](#)

Horadam1992a, *Negative order Genocchi polynomials*, Fibonacci Quart. 1992 (30,1): 21-34, [fibqy>](#)

Horadam1992b, *Generation of Genocchi polynomials of first order by recurrence relations*, Fibonacci Quart. 1992 (30,3): 239-242, [fibqy>](#)

Kim2013, *Some identities on the Bernstein and q -Genocchi polynomials*, Bull. Korean Math. Soc. 50 (2013), No. 4, 1289-296, [nat>](#)

KimKurtKurt2013, *Some identities on the generalized q -Bernoulli, q -Euler, and q -Genocchi polynomials*, Abstr. Appl. Anal. Vol. 2013, Article ID 293532, 6 p, [gen>](#)

Kurt2014, *New identities and relations derived from the generalized Bernoulli polynomials, Euler polynomials and Genocchi polynomials*, Adv. Difference Equ. 2014, 2014: 5, [gen>](#)

KurtCenkci2010, *A new approach to q -Genocchi numbers and polynomials*, Bull. Korean Math. Soc. 47 (2010), No. 3, 575-583, [nat>](#)

LiuWang W.2009, *Some identities on the Bernoulli, Euler and Genocchi polynomials via power sums and alternate power sums*, Discrete Math. Vol. 309, Issue 10, 28 May 2009, 3346-3363, [gen>](#)

Luo2009a, *Fourier expansions and integral representations for Genocchi polynomials*, J. Integer Seq., Vol. 12 (2009), Article 09.1.4, [jis>](#)

Mahmudov2012b, *q-analogues of the Bernoulli and Genocchi polynomials and the Srivastava-Pintér addition theorems*, Discrete Dyn. Nat. Soc. Vol. 2012 (2012), Article ID 169348, 8 p, [gen>](#)

MahmudovMomemzadeh2014, *On a class of q-Bernoulli, q-Euler and q-Genocchi polynomials*, arXiv (18 Jan 2014), [aXv>](#)

Ozarслан2013, *Hermite-based unified Apostol-Bernoulli, Euler and Genocchi polynomials*, Adv. Difference Equations 2013, **2013**: 116, [gen>](#)

ParkKim2008, *On some arithmetical properties of the Genocchi numbers and polynomials*, Adv. Difference Equ. Vol. 2008, Article ID 195049, 14 p, [gen>](#)

RimJeongLee2012, *Identities on the Bernoulli and Genocchi numbers and polynomials*, Int J. Math. Mathematical Sciences. Vol. 2012 (2012), Article ID 184649, 9 p, [gen>](#)

RimParkMoon2008, *On Genocchi numbers and polynomials*, Abstr. Appl. Anal. Vol. 2008 (2008), Article ID 898471, 7 p, [gen>](#)

Rogala2008, *Generalization of the Genocchi numbers to their q-analogue*, Honor Theses, 1980, Dept. of Mathematics-Ithaca College, [gen>](#)

SimsekCangulKurtKim2008, *q-Genocchi numbers and polynomials associated with q-Genocchi-type l-functions*, Adv. Difference Equ. 2008, **2008**: 815750, [gen>](#)

Srivastava2011, *Some generalizations and basic (or q-) extensions of the Bernoulli, Euler and Genocchi polynomials*, Appl. Math. Inf. Sci. **5** (3) (2011), 390-444, [gen>](#)

Zeng J.1996, *Sur quelques propriétés de symétrie des nombres*

de Genocchi, Discrete Math. 153 (1996) 319-333, [gen>](#)

Zeng J.Zhou J.2006, *A q -analog of the Seidel generation of Genocchi numbers*, European. J. Combin. Vol. 27, Issue 3, Apr 2006, 364-381, [gen>](#)

Zhang Z.Jin1998, *Some identities involving generalized Genocchi polyn. and generalized Fibonacci-Lucas sequences*, Fibonacci Quart. 1998 (36,4): 329-334, [fibqy>](#)

Hahn

AtakishiyevaAtakishiyev2011, *A non-standard generating function for continuous dual q -Hahn polynomials*, Revista de Matemática: Teoría y Aplicaciones Vol. 18 (1): 111-120, Jan 2011, [nat>](#)

GriffithsSpano2011, *Multiv. Jacobi and Laguerre polynomials, infinite-dimens. extensions and their prob. connect. with multiv. Hahn and Meixner polynomials*, Bernoulli **17** (3), 2011, 1095-1125, [gen>](#)

GroeneveltKoelinkRosengren2003, *Continuous Hahn functions as Clebsch-Gordan coefficients*, arXiv (20 Feb 2003), [aXv>](#)

Koelink1996, *On Jacobi and continuous Hahn polynomials*, Proc. Amer. Math. Soc. 124 (1996), 887-898, [nat>](#)

Hahn's theorem

KwonYoon2000, *Generalized Hahn's theorem*, J. Comput. Appl. Math. Vol. 116, Issue 2, 15 Apr 2000, 243-262, [jou>](#)

Hankel

AndrewsWimp2002, *Some q -orthogonal polynomials and related Hankel determinants*, Rocky Mountain J. Math. Vol. 32, No. 2, Summer 2002, [nat>](#)

BarryHennessy2010a, *The Euler-Seidel matrix, Hankel matrices*

and moment sequences, J. Integer Seq. Vol. 13 (2010), Article 10.8.2, [jis>](#)

BasorChenWidom2001, *Determinants of Hankel matrices*, J. Funct. Anal. 179, 214-234 (2001), [jou>](#)

CameronYip2011, *Hankel determinants of sums of consecutive Motzkin numbers*, Linear Algebra Appl Vol. 434, Issue 3, 1 Feb 2011, 712-722, [gen>](#)

Fasino1995, *Spectral properties of Hankel matrices and numerical solutions of finite moment problems*, J. Comp. Appl. Math. 65 (1995) 145-155, [jou>](#)

HeinigRost2011, *Fast algorithms for Toeplitz and Hankel matrices*, Linear Algebra Appl. 435 (2011) 1–59, [gen>](#)

PeartWoan2000a, *Generating functions via Hankel and Stieltjes matrices*, J. Integer Seq. Vol. 3 (2000), Article 00.2.1, [jis>](#)

Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)

harmonic

AskeySuslov1993, *The q-harmonic oscillator and the Al-Salam and Carlitz polynomials*, arXiv (9 jul 1993), [aXv>](#)

Boyadzhiev2009, *Harmonic number identities via Euler's transform*, J. Integer Seq. Vol. 12 (2009), Article 09.6.1, [jis>](#)

Boyadzhiev2012, *Series with central binomial coefficients, Catalan numbers, and harmonic numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.1.7, [jis>](#)

Cheon G-S.El-Mikkawy2007, *Generalized harmonic numbers identities and a related matrix representation*, J. Korean Math. Soc. 2007 Vol. 44, No. 2, 487-498, [nat>](#)

Cheon G-S.El-Mikkawy2008, *Generalized harmonic numbers with Riordan arrays*, J. Number Theory Vol. 128, Issue 2, Feb 2008, 413–425, [jou>](#)

Chu2012b, *Summation formulae involving harmonic numbers*, Filomat 2012 Vol. 26, Issue 1, 143-152, [gen>](#)

DilKurt2011, *Polynomials related to harmonic numbers and evaluation of harmonic number series II*, Appl. Anal. Discrete Math. 5 (2011), 212-229, [gen>](#)

El-DesoukyGomaa2011, *q-Comtet and generalized q-harmonic numbers*, J. Math. Sci.Adv. Appl. Vol. 10, Number 1/2, 2011, 33-52, [jou>](#)

Feng C-J.Zhao F-Z.2009, *Some results for generalized harmonic numbers*, Integers 9 (2009), 605-619, [gen>](#)

Sofa2012c, *Harmonic numbers of order two*, Miskolc Math. Notes, Vol. 13 (2012), No. 2, 499–514, [nat>](#)

Sun Z-W.2012b, *On harmonic numbers and Lucas sequences*, Publ. Math. Debrecen 80 (2012), no. 1-2, 25-41, [nat>](#)

Sun Z-W.Zhao L-L.2013, *Arithmetic theory of harmonic numbers (II)*, Colloq. Math. 130 (2013), no. 1, 67-78, [gen>](#)

ZhangWuyungaowa2013, *Some identities involving generalized harmonic polyn. and power*, Int. J. Pure Appl. Math. Vol. 84, No. 1, 2013, 141-148, [gen>](#)

Hermite

AraciAcikgozBagdasaryanSen2013, *The Legendre polynomials associated with Bernoulli, Euler, Hermite and Bernstein polynomials*, Turkish J. Anal. Number Theory, 2013, Vol. 1, No. 1, 1-3, [nat>](#)

BojdiAhmadi-AslAminataei2013, *Operational matrices with respect to Hermite polyn. and their applications in solving*

linear differential equations with variable coeff., J. of Linear and Topological Algebra Vol. 02, No. 02, 2013, 91-103, [jou>](#)

Cesarano2014, *A note on generalized Hermite polynomials*, Int. J. Appl. Math. Informatics Vol. 8, 2014, [gen>](#)

Chaggarakoepf2011, *On linearization and connection coefficients for generalized Hermite polynomials*, J. Comp. Appl. Math. Vol. 236, Issue 1, Aug 2011, 65-73, [jou>](#)

ChatterjeaAli1991, *Some formulas of L. Carlitz on Hermite polynomials*, Int. J. Math. Math. Sci. Vol. 14 (1991), Issue 4, 737-740, [gen>](#)

Djordjevic1996, *On some properties of generalized Hermite polynomials*, Fibonacci Quart. 1996 (34,1): 2-6, [fibqy>](#)

Ghanmi2013, *Operational formulae for the complex Hermite polynomials $H_{p,q}(z, z^{\wedge})$* , arXiv (10 Jan 2013), [aXv>](#)

HabibullahShakoor2013, *A generalization of Hermite polynomials*, Int. Math. Forum, Vol. 8, 2013, no. 15, 701-706, [gen>](#)

HussainSingh1980, *Some properties of orthogonal polynomials related to Hermite polynomials*, Indian J. Pure Appl. Math. 11(8): 1018-1020, Aug 1980, [nat>](#)

IsmailMasson1994, *q-Hermite polynomials, biorthogonal rational functions, and q-beta integrals*, Trans. Amer. Math. Soc. Vol. 346, No. 1, (Nov 1994), 63-116, [nat>](#)

KarginKurt2013, *Some relations on Hermite matrix polynomials*, Math. Comput. Appl. Vol. 18, No. 3, 323-329, 2013, [gen>](#)

KimKim2012b, *Extended Laguerre polynomials associated with Hermite, Bernoulli, and Euler numbers and polynomials*, Abstr. Appl. Anal. Vol. 2012 (2012), Article ID 957350, 15 p, [gen>](#)

KimKim2013b, *A note on the Hermite numbers and polynomials*, Math. Inequal. Appl. Vol. 16, No. 4 (2013), 1115-1122, [gen>](#)

KimKimRimLee2012, *Hermite polynomials and their applications associated with Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2012, Article ID 974632, 13 p, [gen>](#)

Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67-84, [gen>](#)

Nagel1994, *The relativistic Hermite polynomial is a Gegenbauer polynomial*, J. Math. Phys. 35, 1549 (1994), [jou>](#)

Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constant,a Vol. 16 (2), 2008, 109-116, [nat>](#)

SinghalJoshi1982a, *On the unification of generalized Hermite and Laguerre polynomials*, Indian J. Pure Appl. Math. **13**(8): 904-906, August 1982, [nat>](#)

SinghalJoshi1982b, *On the unification of generalized Hermite and Laguerre polyn.*, Revista matemática hispanoamericana Vol. 42, N^o. 1-3, 1982, 82-89, [nat>](#)

Szablowski2013, *On the q -Hermite polyn. and their relationship with some other families of orthogonal polyn.*, Demonstratio Math. Vol. XLVI No 4 2013, [gen>](#)

Hermite big q -polynomials

FloeaniniLeTourneuxVinet1995, *An algebraic interpretation of the continuous big q -Hermite polynomials*, arxiv (26 Apr 1995), [aXv>](#)

Hessenberg

BenjaminShattuck2007, *Recounting determinants for a class of Hessenberg matrices*, Integers 7 (2007), [gen>](#)

EscribanoGiraldoSastreTorrano2011, *Hessenberg matrix for sums of Hermitian positive definite matrices and weighted shifts*, J. Comput. Appl. Math. Vol. 236, Issue 1, Aug 2011, 98–106, [jou>](#)

Janjic2010, *Hessenberg matrices and integer sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.7.8, [jis>](#)

KaygisizSahin2012a, *Determinant and permanent of Hessenberg matrix and Fibonacci type numbers*, Gen. Math. Notes Vol. 9, No. 2, April 2012, 32-41, [gen>](#)

KaygisizSahin2012c, *Generalized bivariate Lucas p -polynomials and Hessenberg matrices*, J. Integer Seq. Vol. 15 (2012), Article 12.3.4, [jis>](#)

KaygisizSahin2013b, *Determinants and Permanents of Hessenberg matrices and generalized Lucas polynomials*, Bull. Iranian Math. Soc. Vol. 39 No. 6 (2013), 1065-1078, [nat>](#)

Horadam

Gauthier1998, *Identities for a class of sums involving Horadam's generalized numbers $\{W_n\}$* , Fibonacci Quart. 1998 (36,4): 295-304, [fibqy>](#)

Haukkanen2002, *A note on Horadam's sequence*, Fibonacci Quart. 2002 (40,4): 358-361, [fibqy>](#)

Hilton1974, *On the partition of Horadam's generalized sequences into generalized Fibonacci and generalized Lucas sequences*, Fibonacci Quart. 1974 (12,4): 339-344, [fibqy>](#)

HorzumKocer2009, *On some properties of Horadam polynomials*, Int. Math. Forum, 4, 2009, no. 25, 1243 – 1252, [gen>](#)

YazlikTaskara2012, *A note on generalized k -Horadam sequence*, Comput. Math. Appl. Vol. 63, Issue 1, Jan 2012, 36–41, [gen>](#)

Humbert

Lamiri0uni2008, *d-orthogonality of Humbert and Jacobi type polynomials*, J. Math. Anal. Appl. Vol. 341, Issue 1, May 2008, 24–51, [jou>](#)

identities, inequalities

Agoh2014, *Convolution identities for Bernoulli and Genocchi polynomials*, Electron. J. Combin. **21** (1) (2014), [gen>](#)

AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, [gen>](#)

AtanassovKnottOzekiShannonSzalay2003, *Inequalities among related pairs of Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 20-22, [fibqy>](#)

Azarian2012a, *Fibonacci identities as binomial sums*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 38, 1871-1876, [gen>](#)

Azarian2012b, *Fibonacci identities as binomial sums II*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 42, 2053-2059, [gen>](#)

Azarian2012c, *Identities involving Lucas or Fibonacci and Lucas numbers as binomial sums*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 45, 2221-2227, [gen>](#)

BabusciDattoliGorskaPenson2012, *Generating functions for Laguerre polynomials: new identities for Lacunary Series*, arXiv (13 Oct 2012), [aXv>](#)

BasorEhrhardt1999, *On a class of Toeplitz + Hankel operators*, New York J. Math. 5 (1999) 1-16, [nat>](#)

BasorEhrhardt2000, *Some identities for determinants of structured matrices*, arXiv (9 Aug 2000), [aXv>](#)

BasorWidom2000, *On a Toeplitz determinant identity of Borodin*

and Okounkov, arXiv (9 Apr 2000), [_nat>](#)

BelbachirBousbaa2014b, *Combinatorial identities for the r -Lah numbers*, Ars Comb. 115: 453-458 (2014), [_gen>](#)

BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287–300, [_nat>](#)

BelbachirRahmani2013, *On Gessel-Kaneko's identity for Bernoulli numbers*, Appl. Anal. Discrete Math. 7 (2013), 1–10, [_gen>](#)

BenjaminQuinn1999, *Recounting Fibonacci and Lucas identities*, College Math. J. Vol. 30, No. 5 (Nov., 1999), 359-366, [_gen>](#)

BenjaminQuinnRouse2004, *Fibinomial identities*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 19-24, [_gen>](#)

BenjaminRouse2004, *Recounting binomial Fibonacci identities*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 25-28, [_gen>](#)

BhargavaAdigaSomashekara1993, *Three-square theorem as an application of Andrew's identity*, Fibonacci Quart. 1993 (31,2): 129-132, [_fibqy>](#)

BibakHaghighi2009, *Some trigonometric identities involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.8.4, [_jis>](#)

Brietzke2008, *An identity of Andrews and a new method for the Riordan array proof of combinatorial identities*, Discrete Math. Vol. 308, Issue 18, Sep 2008, 4246–4262, [_gen>](#)

CamposCatarinoAiresVascoBorges2014, *On some identities of k -Jacobsthal-Lucas numbers*, Int. J. Math. Analysis, Vol. 8, 2014, no. 10, 489 – 494, [_gen>](#)

CanDagli2014, *Extended Bernoulli and Stirling matrices and related combinatorial identities*, Linear Algebra Appl. Vol. 444, Mar 2014, 114-131 arXiv(4 Dec 2013), [aXv>](#)

CandelpergherCoppo2012, *A new class of identities involving Cauchy numbers, harmonic numbers and zeta values*, Ramanujan J. April 2012, Volume 27, Issue 3, 305-328, [gen>](#)

CheonEl-Mikkawy2007, *Generalized harmonic numbers identities and a related matrix representation*, J. Korean Math. Soc. 2007 Vol. 44, No. 2, 487-498, [nat>](#)

Chu1997b, *Inverse series relations, formal power series and Blodgett-Gessel's type binomial identities*, Collect. Math. 48, 3 (1997), 265–279, [gen>](#)

ChungGrahamKnuth2010, *A symmetrical Eulerian identity*, J. Comb. Vol. 17, No. 1, 29–38, 2010, [jou>](#)

ChuWei2008, *Legendre inversions and balanced hypergeometric series identities*, Discrete Math. Vol. 308, Issue 4, 28 Feb 2008, 541–549, [gen>](#)

DaykinDresell1967, *Identities for products of Fibonacci and Lucas numbers*, Fibonacci Quart. 1967 (5,4): 367-369, [fibqy>](#)

Diaz-Barrero2003, *Rational identities and inequalities involving Fibonacci and Lucas numbers*, J. Inequalities in Pure and Applied Math, Vol. 4, Issue 5, Article 83, [jou>](#)

Farrokhi2009, *An identity in the generalized Fibonacci numbers and its applications*, Integers 9 (2009), 497-513, [gen>](#)

Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)

Hansen1972, *Generating identities for Fibonacci and Lucas triples*, Fibonacci Quart. 1972 (10,6): 571-578, [fibqy>](#)

Hansen1978, *General identities for linear Fibonacci and Lucas*

summations, Fibonacci Quart. 1978 (16,2): 121-127, [fibqy>](#)

Huang1997, *Applications of residues to combinatorial identities*, Proc. Amer. Math. Soc. 125 (1997), 1011-1017, [nat>](#)

Huangxxxx, *Identities of Bernoulli numbers and polynomials*, xxxx, [xxxx>](#)

IrmakAlp2013, *Some identities for generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 331–338, [gen>](#)

J. Pita Ruiz V.2016, *Carlitz-type and other Bernoulli identities*, J. Integer Seq. Vol. 19 (2016), Article 16.1.8,

Jennings1994, *On sums of reciprocals of Fibonacci and Lucas numbers*, Fibonacci Quart. 1994 (32,1): 18-21,

KayllPerkins2009, *Combinatorial proof of an Abel-type identity*, J. Combin. Math. Combin. Comput. 2009, vol.70: 33-40,

KimKim2012e, *Some identities of Frobenius-Euler polynomials arising from umbral calculus*, Adv. Difference Equ. 2012, 2012: 196,

KimKimDolgyRim2013, *Some identities of higher-order Bernoulli, Euler, and Hermite polynomials arising from umbral calculus*, J. Inequal. Appl. 2013, 2013: 211, KimKimDolgyRim2013, *Some identities of higher-order Bernoulli, Euler, and Hermite polynomials arising from umbral calculus*, J. Inequal. Appl. 2013, 2013: 211, KimKimLee2013b, *Some identities arising from Sheffer sequences for the powers of Sheffer pairs under umbral composition*, Appl. Math. Sci. (Ruse) Vol. 7, 2013, no. 106, 5287-5299,

KimKimLeeDolgyRim2011, *Some new identities on the Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2011, Article ID 856132, 11 p,

KimKimLeeRim2013, *Some identities of Bernoulli, Euler and Abel polynomials arising from umbral calculus*, Adv. Difference Equ. 2013, 2013: 15,

KimKimRim2014, *Some identities of polynomials arising from umbral calculus*, J. Comput. Anal. Appl. Jan 2014, Vol. 16, Issue 1, 293-306,

KimKimRimDolgy2013b, *Some identities of Frobenius-type Eulerian polynomials arising from umbral calculus*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 53, 2637-2644,

KimKurtKurt2013, *Some identities on the generalized q -Bernoulli, q -Euler, and q -Genocchi polynomials*, Abstr. Appl. Anal. Vol. 2013, Article ID 293532, 6 p, KimKurtKurt2013, *Some identities on the generalized q -Bernoulli, q -Euler, and q -Genocchi polynomials*, Abstr. Appl. Anal. Vol. 2013, Article ID 293532, 6 p, KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polyn. arising from the orthogonality of Laguerre polyn.*, Adv. Difference Equ. 2012, 2012: 201, KimRimKim2012, *Some identities on Bernoulli and Euler polyn. arising from orthogonality of Legendre polynomials*, J. Inequal. Appl. 2012, 2012: 227, jou>

Kirillov2004, *Cauchy identities for universal Schubert polynomials*, J. Math. Sci. May 2004, Vol. 121, Issue 3, 2360-2370,

Koelink1995, *Identities for q -ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487,

LiangWuyungaowa2012, *Identities involving generalized harmonic numbers and other special combinatorial sequences*, J. Integer Seq. Vol. 15 (2012), Article 12.9.6,

LiuWang W.2012, *Harmonic number identities via hypergeometric series and Bell polynomials*, Integral Transforms Spec. Funct. Vol. 23, Issue 1, 2012,

Mansour2004b, *Rational identities and inequalities*, J. of Inequalities in Pure and Applied Math. Vol. 5, Issue 3, Article 75, 2004,

Mansour2005, *Generalizations of some identities involving the Fibonacci numbers*, Fibonacci Quart. 2005 (43,4): 307-315,

MansourSun2009, *Identities involving Narayana polynomials and Catalan numbers*, Discrete Math. Vol. 309, Issue 12, Jun 2009, 4079–4088,

Mc LaughlinSury(add)2005, *Addendum to: Powers of a matrix and combinatorial identities*, Integers 5 (2005),

MelhamShannon1995a, *Some summation identities using generalized Q-matrices*, Fibonacci Quart. 1995 (33,1): 64-73,

MelhamShannon1995b, *A generalization of the Catalan identity and some consequences*, Fibonacci Quart. 1995 (33,1): 82-84,

Mikic2016, *A Proof of a Famous Identity Concerning the Convolution of the Central Binomial Coefficients*, J. Integer Seq. Vol. 19 (2016), Article 16.6.6,

NkwantaTefera2013, *Curious relations and identities involving the Catalan generating function and numbers*, J. of Integer Seq. Vol. 16 (2013), Article 13.9.5, [jis>](#)

J. Pita Ruiz V.2016, *Carlitz-type and other Bernoulli identities*, J. Integer Seq. Vol. 19 (2016), Article 16.1.8, [jis>](#)

RimJeongLee2012, *Identities on the Bernoulli and Genocchi numbers and polynomials*, Int J. Math. Mathematical Sciences. Vol. 2012 (2012), Article ID 184649, 9 p, [gen>](#)

Robbins1982, *Some identities and divisibility properties of linear second-order recursion sequences*, Fibonacci Quart. 1982 (20,1): 21-23, [fibqy>](#)

- Scott1968, *Continuous extensions of Fibonacci identities*, Fibonacci Quart. 1968 (6,4): 245-249, [fibqy>](#)
- SeibertTrojovsky2005, *On some identities for the Fibonomial coefficients*, Math. Slovaca, Vol. 55 (2005), No. 1, 9-19, [nat>](#)
- SiarKeskin2013, *Some new identities concerning generalized Fibonacci and Lucas numbers*, Hacet. J. Math. Stat. Vol. 42 (3) (2013), 211-222, [gen>](#)
- SinghBhadouriaSikhwal2011, *Generalized identities involving common factors of Fibonacci and Lucas numbers*, Int. J. Algebra Vol. 5, 2011, no. 13, 637-645, [gen>](#)
- Smith2008-09, *On an 'uncounted' Fibonacci identity and its q-analogue*, Fibonacci Quart. 2008-09 (46-47,1): 73-78, [fibqy>](#)
- Sofo2012d, *New classes of harmonic number identities*, J. Integer Seq. Vol. 15 (2012), Article 12.7.4, [jis>](#)
- SofoCerone1998a, *Generalization of Euler's identity*, Bull. Austral. Math. Soc. Vol. 58 (1998), 359-371, [nat>](#)
- SomashekaraMurthy2014, *Applications of an identity of Andrews*, Arab J. Math. Sci. **20** (2) (2014), 205–212, [nat>](#)
- Spieb1990, *Some identities involving harmonic numbers*, Math. Comp. Vol. 5, No. 192, Oct 1990, 839-863, [gen>](#)
- Swamy1997a, *On certain identities involving Fibonacci and Lucas numbers*, Fibonacci Quart. 1997 (35,3): 230-232, [fibqy>](#)
- Tingting W.Wenpeng Z.2012, *Some identities involving Fibonacci, Lucas polynomials and their applications*, Bull. Math. Soc. Sci. Math. Roumanie Tome 55 (103) No. 1, 2012, 95-103, [nat>](#)
- Wang M.2007, *An inequality and its q-analogue*, J. Inequal. Pure Appl. Math. Vol. 8 (2007), Issue 2, Article 50, 6 p, [jou>](#)
- Wang W.2010b, *Riordan arrays and harmonic number identities*,

Comput. Math. Appl. Vol. 60, Issue 5, Sep 2010, 1494–1509, [gen>](#)

Wang W.Wang T.2008a, *Identities via Bell matrix and Fibonacci matrix*, Discrete Appl. Math. Vol. 156, Issue 14, 28 Jul 2008, 2793–2803, [gen>](#)

Wang W.Wang T.2009, *Identities on Bell polynomials and Sheffer sequences*, Discrete Math. Vol. 309, Issue 6, 6 Apr 2009, 1637–1648, [gen>](#)

Wloch2013, *Some identities for the generalized Fibonacci numbers and the generalized Lucas numbers*, Appl. Math. Comput. Vol. 219, Issue 10, Jan 2013, 5564–5568, [gen>](#)

WuSunPan2004, *Some identities for Bernoulli and Euler polynomials*, Fibonacci Quart. 42 (2004) (42, 4): 295–299, [fibqy>](#)

WuZhang2012, *The sums of the reciprocals of Fibonacci polynomials and Lucas polynomials*, J. Inequal. Appl. 2012, 2012: 134,

WuZhang2013b, *Several identities involving the Fibonacci polynomials and Lucas polynomials*, J. Inequal. Appl. 2013, 2013: 205, [jou>](#)

YuanZhang2002, *Some identities involving the Fibonacci polynomials*, Fibonacci Quart. 2002 (40,4): 314-318, [fibqy>](#)

YuLiang1997, *Identities involving partial derivatives of bivariate Fibonacci and Lucas polynomials*, Fibonacci Quart. 1997 (35,1): 19-23, [fibqy>](#)

Zhang W.1997, *Some identities involving the Fibonacci numbers*, Fibonacci Quart. 1997 (35,3): 225-229, [fibqy>](#)

Zhang W.2004, *Some identities involving the Fibonacci numbers and Lucas numbers*, Fibonacci Quart. 2004 (42,2): 149-154, [fibqy>](#)

Zhang Z.1997b, *Some identities involving generalized second-order integer sequences*, Fibonacci Quart. 1997 (35,3): 265-268, [fibqy>](#)

Zhang Z.Liu1998b, *Generalizations of some identities involving generalized second-order integer sequences*, Fibonacci Quart. 1998 (36,4): 327-328, [fibqy>](#)

ZhangWuyungaowaMa2013, *A class of formal operators for combinatorial identities and its application*, Int. J. of Mathematical, Comput., Physical and Quantum Engineer. Vol. 7, No:3, 2013, [gen>](#)

Zhao F.Wang T.(errata)2001a, *Errata for "Generalizations of some Identities Involving the Fibonacci numbers"*, Fibonacci Quart. 2001 (39,5): 408, [fibqy>](#)

Zhao F.Wang T.2001a, *Generalizations of some identities involving the Fibonacci numbers*, Fibonacci Quart. 2001 (39,2): 165-167, [fibqy>](#)

Zhao F.Wang T.2001b, *Some identities for the generalized Fibonacci and Lucas functions*, Fibonacci Quart. 2001 (39,5): 436-438, [fibqy>](#)

Zhao F-Z.Wang T.2003, *Some identities involving the powers of the generalized Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 7-12, [fibqy>](#)

incomplete numbers, generalized numbers, polynomials

ChuVicenti2003, *Funzione generatrice e polinomi incompleti di Fibonacci e Lucas*, Boll. Unione Mat. Ital. Serie 8, Vol. 6-B (2003), n.2, 289-308, [nat>](#)

Djordjevic2004, *Generating functions of the incomplete generalized Fibonacci and generalized Lucas numbers*, Fibonacci Quart. 2004 (42,2): 106-113, [fibqy>](#)

DjordjevicSrivastava2005, *Incomplete Generalized Jacobsthal*

and Jacobsthal-Lucas Numbers, Math. Comput. Modelling, Vol. 42, Issues 9-10, Nov 2005, 1049–1056, [gen>](#)

PintérSrivastava1999, *Generating functions of the incomplete Fibonacci and Lucas numbers*, Rend. Circ. Mat. Palermo (2), Tomo XLVII! (1999), 591-596, [nat>](#)

Ramirez2013a, *Incomplete -Fibonacci and -Lucas numbers*, Chinese Journal of Mathematics Volume 2013, Article ID 107145, 7 p, [nat>](#)

Ramirez2013b, *Bi-periodic incomplete Fibonacci sequences*, Ann. Math. Inform. 42 (2013), 83–92, [gen>](#)

Ramirez2013c, *Incomplete generalized Fibonacci and Lucas polynomials*, Hacet. J. Math. Stat. Vol. 44 (2) (2015), 369–379, [gen>](#)

integer sequences

Barry2007b, *Some observations on the Lah and Laguerre transforms of integer sequences*, J. Integer Seq. Vol. 10 (2007), Article 07.4.6, [jis>](#)

BarryHennessey2010b, *Meixner-type results for Riordan arrays and associated integer sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.9.4, [jis>](#)

Bedratyuk2012, *A note about invariant polynomial transformations of integer sequences*, J. Integer Seq. Vol. 15 (2012), Article 12.7.3, [jis>](#)

BernsteinSloane1995, *Some canonical sequences of integers*, Linear Algebra Appl 226-228: 57-72 (1995), [gen>](#)

Kimberling2003, *Matrix transformations of Integer Sequences*, J. Integer Seq. Vol. 6 (2003), Article 03.3.3, [jis>](#)

Rudolph-Lilith2016, *On the product representation of number sequences, with applications to the family of generalized*

Fibonacci numbers, J. Integer Seq. Vol. 19 (2016), Article 16.3.6, [jis>](#)

Zhang Z.1997b, *Some identities involving generalized second-order integer sequences*, Fibonacci Quart. 1997 (35,3): 265-268, [fibqy>](#)

inverse (reciprocal) numbers, sums, polynomials

Chu1997b, *Inverse series relations, formal power series and Blodgett-Gessel's type binomial identities*, Collect. Math. 48, 3 (1997), 265–279,

Chu2012a, *Reciprocal formulae for convolutions of Bernoulli and Euler polynomials*, Rend. Mat. Appl. (7), Serie VII Vol. 32, Roma (2012), 17-74,

ChuHsu1993, *On some classes of inverse series relations and their applications*, Discrete Math. Vol. 123, Issues 1–3, Dec 1993, 3–15, [gen>](#)

ChuMagli2007, *Summation formulae on reciprocal sequences*, European J. Combin. Vol. 28, Issue 3, Apr 2007, 921–930, [gen>](#)

EgorychevZima2005, *Decomposition and group theoretic characterization of pairs of inverse relations of the Riordan type*, Acta Appl. Math. (2005) 85: 93–109, [gen>](#)

Riordan1964, *Inverse relations and combinatorial identities*, Amer. Math. Monthly vol.71, No. 5 (May, 1964), 485-498, [nat>](#)

WuZhang2012, *The sums of the reciprocals of Fibonacci polynomials and Lucas polynomials*, J. Inequal. Appl. 2012, 2012: 134,

Yang S-l.2013, *Some inverse relations determined by Catalan matrices*, Int. J. Comb. Vol. 2013 (2013), Article ID 528584, 6 p,

YuanHeZhou2014, *On the sum of reciprocal generalized Fibonacci numbers*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 402540, 4 p,

inversion techniques

Adukov1998, *Generalized inversion of block Toeplitz matrices*, Linear Algebra App 274: 85-124 (1998), [gen>](#)

Adukov1999, *Generalized inversion of finite rank Hankel and Toeplitz operators with rational matrix symbols*, Linear Algebra App 290 (1999), 119-134, [gen>](#)

AdukovIbryaeva2005, *Generalized inversion of Toeplitz-plus-Hankel matrices*, arXiv (2 Mar 2005), [aXv>](#)

AdukovIbryaeva2012, *Inversion of the Toeplitz-plus-Hankel matrices via generalized inversion*, Int. J. Pure Appl. Math. **79** No. 1 2012, 57-65, [gen>](#)

Chapman2008, *Lagrange inversion and Stirling number convolutions*, Integers 8 (2008), [gen>](#)

Chu1994a, *Inversion techniques and combinatorial identities. – A unified treatment for the 7F6-series identities*, Collect. Math. 45, 1 (1994), 13–43, [gen>](#)

Chu1994b, *Inversion techniques and combinatorial identities. Strange evaluations of basic hypergeometric series*, Compos. Math. tome 91, no 2 (1994), 121-144, [gen>](#)

Chu1995, *Inversion techniques and combinatorial identities. Jackson's q -analogue of the Dougall-Dixon theorem and the dual formulae*, Compos. Math. **95**: 43-68, 1995, [gen>](#)

Chu1997b, *Inverse series relations, formal power series and Blodgett-Gessel's type binomial identities*, Collect. Math. 48, 3 (1997), 265–279,

Chu2002, *Inversion techniques and combinatorial identities:*

balanced hypergeometric series, Rocky Mountain J. Math. Vol. 32, No. 2 (2002), 561-588, [nat>](#)

ChuWei2008, *Legendre inversions and balanced hypergeometric series identities*, Discrete Math. Vol. 308, Issue 4, 28 Feb 2008, 541–549, [gen>](#)

KoekoekKoekoek1999, *The Jacobi inversion formula*, arXiv (27 Aug 1999), [aXv>](#)

Krattenthaler1988, *Operator methods and Lagrange inversion: a unified approach to Lagrange formulas*, Trans. Amer. Math. Soc. Vol. 305, No. 2, Feb 1988, 431-465, [nat>](#)

Lenart2000, *Lagrange Inversion and Schur Functions*, J. Algebraic Combin. 11 (2000), 69–78, [jou>](#)

LiuDingQi2012, *Gould-Hsu inversion chains and their applications*, J. of Math. Research with Applications, Mar 2012, Vol. 32, No. 2, 167–173, [jou>](#)

Pan2012, *Matrix decomposition of the unified generalized Stirling numbers and inversion of the generalized factorial matrices*, J. Integer Seq. Vol. 15 (2012), Article 12.6.6, , [jis>](#)

Woan2007, *The Lagrange inversion formula and divisibility properties*, J. Integer Seq. Vol. 10 (2007), Article 07.7.8, [jis>](#)

Jacobi (see also elliptic)

AltinAktasErkus-Duman2009, *On a multivariable extension for the extended Jacobi polynomials*, J. Math. Anal. Appl. 353 (2009) 121–133, [jou>](#)

Askey1978, *Jacobi's generating function for Jacobi polynomials*, Proc. Amer. Math. Soc. Vol. 71, No. 2 (Sep. 1978), 243-246, [nat>](#)

BianePitmanYor2001, *Probability laws related to the Jacobi theta and Riemann z-functions, and Brownian motion excursions*, Bull. Amer. Math. Soc. (N.S.) Vol. 38, no. 4, 435-465, [nat>](#)

Bloemendal2012, *Jacobi matrices*, xxxx, [xxxx>](#)

Brafman1951, *Generating functions of Jacobi and related polynomials*, Proc. Amer. Math. Soc. (1951) xxxx, [nat>](#)

CaglieroKoorwinder2014, *Explicit matrix inverses for lower triangular matrices with entries involving Jacobi polynomials*, arXiv (15 Apr 2014), [aXv>](#)

ChandraSamantaBera2013, *On bilateral generating functions of extended Jacobi polynomials*, Int. J. Contemp. Math. Sci. Vol. 8, 2013, no. 20, 1001 – 1005, [gen>](#)

ChatterjeaSrivastava1993, *A unified presentation of certain operational formulas for the Jacobi and related polynomials*, Applied Math. and Computation, Vol. 58, Issue 1, 15 Sep 1993, 77-95, [gen>](#)

CsordasCharalambidesWaleffe2005, *A new property of a class of Jacobi polynomials*, Proc. Amer. Math. Soc. Vol. 133, No. 12, 3551–3560, [nat>](#)

EliasGingold2007, *On the approximation of the Jacobi polynomials*, Rocky Mountain J. Math. Vol. 37, No. 1, 2007, [nat>](#)

FoataLeroux1983, *Polynômes de Jacobi, interprétation combinatoire et fonction génératrice*, Proc. Amer. Math. Soc. Vol. 87, No. 1 (Jan-Apr, 1983), 47-53, [nat>](#)

GriffithsSpano2011, *Multiv. Jacobi and Laguerre polyn., infinite-dimens. extensions and their prob. connect. with multiv. Hahn and Meixner polynomials*, Bernoulli **17** (3), 2011, 1095–1125, [gen>](#)

Hetyei2008, *Delannoy numbers and a combinatorial proof of the*

orthogonality of the Jacobi polynomials with natural number parameters, 23rd Clemson mini-Conference on Discrete Math. and Algorithms, Clemson, SC, Oct 2, 2008, [gen>](#)

Hetyei2009, *Shifted Jacobi polynomials and Delannoy numbers*, arXiv (24 Dec 2009), [aXv>](#)

KhanAkhlaq2012, *A note on generating functions and summation formulas for Meixner polynomials of several variables*, Demonstratio Math. Vol. XLV, No. 1, 2012, [gen>](#)

Koelink1996, *On Jacobi and continuous Hahn polynomials*, Proc. Amer. Math. Soc. 124 (1996), 887-898, [nat>](#)

Koornwinder1977, *Yet another proof of the addition formula for Jacobi polynomials*, J. Math. Anal. Appl. Vol. 61, Issue 1, 1 Nov 1977, 136–141, [jou>](#)

Koornwinder1990, *Jacobi functions as limit cases of q -ultraspherical polynomials*, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44–54, [jou>](#)

Kubo2009, *Generating functions of Jacobi polynomials*, Commun. Stoch. Anal. Vol. 3, No. 2 (2009) 249-267, [gen>](#)

Lamiri0uni2008, *d -orthogonality of Humbert and Jacobi type polynomials*, J. Math. Anal. Appl. Vol. 341, Issue 1, May 2008, 24–51, [jou>](#)

Lewanowicz1986, *Properties of the polynomials associated with the Jacobi polynomials*, Math. Comp. **47**, No. 176, Oct 1986, 669-682, [gen>](#)

MadhekarThakare1982, *Biorthogonal polynomials suggested by the Jacobi polynomials*, Pacific J. Math. Vol. 100, No. 2 (1982), 417-424, [nat>](#)

Manocha1967, *Some bilinear generating functions for Jacobi polynomials*, Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 457-459, [nat>](#)

ManochaSharma1967, *Generating functions of Jacobi polynomials*, Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 431-433, [nat>](#)

MorenoGarcia-Caballero2011b, *Non-classical orthogonality relations for continuous q -Jacobi polynomials*, Taiwanese J. of Math. Vol. 15, No. 4, 1677-1690, Aug 2011, [nat>](#)

Mukherjee1996, *Generating functions on extended Jacobi polynomials from Lie group view point*, Publ. Mat. Vol 40 (1996), 3–13, [gen>](#)

MunotMathur1982, *On a multilateral generating function for the extended Jacobi polynomials*, Indian J. Pure Appl. Math. **13**(5): 597-600, May 1982, [nat>](#)

Pilehrood Kh.Pilehrood T.Tauraso2012, *Congruences concerning Jacobi polynomials and Apéry polynomials and Apéry-like formulae*, Int. J. Number Theory, 8 (2012), no. 7, 1789–1811, [gen>](#)

Sauer2004, *Jacobi polynomials in Bernstein form*, Lehrstuhl für Numerische Mathematik, Justus–Liebig–Universität Gießen, [nat>](#)

Srivastava1974, *Note on certain generating functions for Jacobi and Laguerre polyn.*, Publications de l'Institut Mathématique 31 (1974): 149-154, [nat>](#)

Waldron2005, *On the Bernstein–Bézier form of Jacobi polyn. on a simplex*, Technical Report-10/14/2005 Dept. of Math., Univ. of Auckland, New Zealand, [nat>](#)

Young1992, *Apéry numbers, Jacobi sums, and special values of generalized p -adic hypergeometric functions*, J. Number Theory 41, 231-255 (1992), [jou>](#)

Zayed1990, *Jacobi polynomials as generalized Faber polynomials*, Trans. Amer. Math. Soc. Vol. 321, No. I, Sep 1990, [nat>](#)

Jacobsthal

Cerda-Morales2012, *Matrix representation of the q -Jacobsthal numbers*, *Proyecciones* Vol. 31, No 4, Dec 2012, 345-354, [nat>](#)

Cerin2007, *Sums of squares and products of Jacobsthal numbers*, *J. Integer Seq.*, Vol. 10 (2007), Article 07.2.5, [jis>](#)

CookBacon2013, *Some identities for Jacobsthal and Jacobsthal-Lucas numbers satisfying higher order recurrence relations*, *Ann. Math. Inform.* **41** (2013), 27–39, [gen>](#)

Dasdemir2014, *A study on the Jacobsthal and Jacobsthal-Lucas numbers*,

DUFED 3(1), 13-18, 2014, [gen>](#)

FreySellers2000, *Jacobsthal numbers and alternating sign matrices*, *J. Integer Seq.* Vol. 3 (2000), Article 00.2.3, [jis>](#)

GuptaPanwar2012, *Common factors of generalized Fibonacci, Jacobsthal and Jacobsthal-Lucas numbers*, *Int. J. Appl. Math. Research*, 1 (4) (2012) 377-382, [gen>](#)

Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and*

Fibonacci polynomials, *Fibonacci Quart.* 1978 (16,5): 385-402, [fibqy>](#)

Horadam1996a, *Jacobsthal representation numbers*, *Fibonacci Quart.* 1996 (34,1): 40-54, [fibqy>](#)

Horadam1997a, *Jacobsthal representation polynomials*, *Fibonacci Quart.* 1997 (35,2): 137-148, [fibqy>](#)

Horadam1997b, *Rodrigues' formulas for Jacobsthal-type polynomials*, *Fibonacci Quart.* 1997 (35,4): 361-370, [fibqy>](#)

Horadam2002a, *Convolutions for Jacobsthal-type polynomials*, *Fibonacci methods*, *Science Technology RMUTT J.*,

Horadam2002a, *Convolutions for Jacobsthal-type polynomials*, Fibonacci Quart. 2002 (40,3): 212-222, [fibqy>](#)

HoradamFilipponi1997, *Derivative sequences of Jacobsthal and Jacobsthal-Lucas polynomials*, Fibonacci Quart. 1997 (35,4): 352-357, [fibqy>](#)

JhalaRathoreSisodiya2014b, *Some properties of k -Jacobsthal numbers with arithmetic Indexes*, Turkish J. of Analysis and Number Theory, 2014 2 (4), 119-124, JhalaSisodiyaRathore2013, *On some identities for k -Jacobsthal numbers*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 12, 551-556,

SrisawatSripradSthityanak2015, *On the k -Jacobsthal numbers by matrix methods*, Science Technology RMUTT J.,

Swamy1999, *A generalization of Jacobsthal polynomials*, Fibonacci Quart. 1999 (37,2): 141-144, [fibqy>](#)

Jacobsthal-Lucas

CamposCatarinoAiresVascoBorges2014, *On some identities of k -Jacobsthal-Lucas numbers*, Int. J. Math. Analysis, Vol. 8, 2014, no. 10, 489-494, [gen>](#)

CatarinoVascoCamposAiresBorges2015, *New families of Jacobsthal and Jacobsthal-Lucas numbers*, Algebra Discrete Math. Vol. 20 (2015). Nb 1, 40-54, [gen>](#)

CookBacon2013, *Some identities for Jacobsthal and Jacobsthal-Lucas numbers satisfying higher order recurrence relations*, Ann. Math. Inform. **41** (2013), 27-39, [gen>](#)

Dasdemir2014, *A study on the Jacobsthal and Jacobsthal-Lucas numbers*, DUFED 3(1), 13-18, 2014, [gen>](#)

GuptaPanwar2012, *Common factors of generalized Fibonacci, Jacobsthal and Jacobsthal-Lucas numbers*, Int. J. Appl. Math. Research, 1 (4) (2012) 377-382, [gen>](#)

HoradamFilipponi1997, *Derivative sequences of Jacobsthal and Jacobsthal-Lucas polynomials*, Fibonacci Quart. 1997 (35,4): 352-357, [fibqy>](#)

KökenBozkurt2008, *On the Jacobsthal-Lucas numbers by matrix method*, Int. J. Contemp. Math. Sci. Vol. 3, 2008, n-1633, [gen>](#)

Konhauser

KarandePatil1981, *Expansion formulas for Srivastava polynomials in series of the Konhauser biorthogonal polynomials*, Indian J. Pure Appl. Math. **12**(9): 1124-1128, Sep 1981, [nat>](#)

SrivastavaSingh1979a, *On the Konhauser polynomials $Y_n^m(x;k)$* , Indian J. Pure Appl. Math. **10** (9): 1121-1126, Sep 1979, [nat>](#)

SrivastavaTasdelenSekeroglu2008, *Some families of generating functions for the q-Konhauser polynomials*, Taiwanese J. Math. Vol. 12, No. 3, 841-850, Jun 2008, [nat>](#)

Krawtchouk

Barry2008, *A note on Krawtchouk polynomials and Riordan arrays*, J. Integer Seq. Vol. 11 (2008), Article 08.2.2, [jis>](#)

DiaconisGriffiths2014, *An introduction to multivariate Krawtchouk polynomials and their applications*, arXiv (9 Feb 2014), [aXv>](#)

FeinsilverKocik2007, *Krawtchouk polynomials and Krawtchouk matrices*, arXiv (7 Feb 2007), [aXv>](#)

KyriakoussisVamvakari2007, *Asymptotic behaviour of a q-binomial type distribution based on q-Krawtchouk orthogonal polynomials*, J. Comput. Anal. Appl. Vol. 8, No. 1, 2007, [jou>](#)

Shibukawa2014, *Multivariate Meixner, Charlier and Krawtchouk polynomials*, arXiv (29 Apr 2014), [aXv>](#)

lacunary series

AgohDilcher2007, *Convolution identities and lacunary recurrences for Bernoulli numbers*, J. Number Theory **124**, Issue 1, May 2007, 105–122, [jou>](#)

AlloucheMendès-France2013, *Lacunary formal power series and the Stern-Brocot sequence*, Acta Arith. Vol. 159, No. 1, (2013), 47-61, [aXv>](#)

BabusciDattoliGorskaPenson2012, *Generating functions for Laguerre polynomials: new identities for lacunary series*, arXiv (13 Oct 2012), [aXv>](#)

Dilcher2007, *Congruences for a class of alternating lacunary sums of binomial coefficients*, J. Integer Seq. Vol. 10 (2007), Article 07.10.1, [jis>](#)

Howard2004, *A general lacunary recurrence formula*, Proc. 10th Int. Conf. on Fibonacci numbers and their Appl. 2004, Vol. 9, 121-135, [gen>](#)

Lehmer1935, *Lacunary recurrence formulas for the numbers of Bernoulli and Euler*, Ann. of Math. (2), Vol. 36, No. 3, (Jul 1935), 637-649, [nat>](#)

Lengyel2007, *Asymptotics for lacunary sums of binomial coefficients and a card problem with ranks*, J. Integer Seq. Vol. 10 (2007), Article 07.7.2, [jis>](#)

Mendès-France vanderPoortenShallit1998, *On lacunary formal power series and their continued fraction expansion*, To Andrzej Schinzel on his 60th birthday, [gen>](#)

Ramirez2013b, *Bi-periodic incomplete Fibonacci sequences*, Ann. Math. Inform. 42 (2013), 83–92, [gen>](#)

Young2003a, *On lacunary recurrences*, Fibonacci Quart. 2003 (41,1): 41-47, [fibqy>](#)

Lagrange

DattoliLorenzuttaSacchetti2001, *Multivariable Lagrange expansion and generalization of Carlitz–Srivastava mixed generating functions*, J. Math. Anal. Appl. Vol. 257, Issue 2, May 2001, 308–320, [jou>](#)

DattoliRicciCesarano2003, *The Lagrange polynomials, the associated generalizations, and the umbral calculus*, Integral Transforms Spec. Funct. Vol. 14, Issue 2, 2003, [gen>](#)

Laguerre

AlamChongdar2007, *On generating functions of modified Laguerre polynomials*, Rev. Real Academia de Ciencias, Zaragoza 62: 91–98, (2007), [nat>](#)

Al-Salam1984, *Some operational formulas for the g-Laguerre polynomials*, Fibonacci Quart. 1984 (22,2): 166-170, [fibqy>](#)

BojdiAhmadi-Asl2014, *The generalized Laguerre matrix method for solving linear differential-difference equat. with variable coefficients*, Appl. Appl. Math. Vol. 9, Issue 1 (Jun 2014), 272-294, [gen272-294, gen>](#)

Carlitz1968c, *Some generating functions for Laguerre polynomials*, Duke Math. J. Vol. 35, Number 4 (1968), 825-827, [gen>](#)

Chatterjea1963d, *A generalization of Laguerre polynomials*, Collect. Math. 1963, Vol.15,3: 285-292, [gen>](#)

Chatterjea1964, *On a generalization of Laguerre polynomials*, Rend. Semin. Mat. Univ. Padova, 1964, Vol. 34, 180-190, [nat>](#)

Chatterjea1968, *A note on generalized Laguerre polynomials*, Publ. Inst. Math. (Beograd) (N.S.), 8(22), 1968, 89-92, [nat>](#)

ChenIsmailMuttalib1994, *Asymptotics of basic Bessel functions and q-Laguerre polynomials*, J. Comput. Appl. Math. Vol. 54,

Issue 3, Oct 1994, 263–272, [jou>](#)

CiccoliKoelinkKoornwinder1998, *q-Laguerre polynomials and big q-Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [aXv>](#)

Djordjevic2001b, *On the generalized Laguerre polynomials*, Fibonacci Quart. 2001 (39,5): 403-407, [fibqy>](#)

Ernst2002, *Some results for q-Laguerre polyn.*, U.U.D.M. Report 2002:20, [gen>](#)

GhressiKhérijiTounsi2011, *An introduction to the q-Laguerre-Hahn orth. q-polyn.*, SIGMA Symmetry Integrability Geom. Methods Appl. 7 (2011), 092, 20 p, [gen>](#)

GillisJedwabiZeilberger1988, *A combinatorial interpretation of the integral of the product of Legendre polynomials*, Siam J. Math. Anal. Vol. 19, No. 6, Nov. 1988, [gen>](#)

GriffithsSpano2011, *Multiv. Jacobi and Laguerre polyn., infinite-dimens. extensions and their prob. connect. with multiv. Hahn and Meixner polynomials*, Bernoulli **17** (3), 2011, 1095–1125, [gen>](#)

Groenevelt2003b, *Laguerre functions and representations of $su(1: 1)$* , Indag.Math. (N.S.), Vol. 14, Issues 3–4, Dec 2003, 329–352, [gen>](#)

Hajir2009, *Algebraic properties of a family of generalized Laguerre polynomials*, Canad. J. Math. Vol. **61** (3), 2009, 583–603, [nat>](#)

KasraouiStantonZeng2011, *The combinatorics of Al-Salam-Chihara q-Laguerre polynomials*, Advances in Applied Math. Vol. 47, Issue 2, Aug 2011, 216-239, [gen>](#)

KhanHabibullah2012, *Extended Laguerre polynomials*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 22, 1089–1094, [gen>](#)

KimKim2012b, *Extended Laguerre polynomials associated with Hermite, Bernoulli, and Euler numbers and polynomials*, Abstr. Appl. Anal. Vol. 2012 (2012), Article ID 957350, 15 p, [gen>](#)

KimKimDolgy2012, *Some identities on Laguerre polyn. in connection with Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2012, Article ID 619197, 10 p, [gen>](#)

KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012: 201, [gen>](#)

Koekoek1990, *Generalizations of Laguerre polynomials*, J. Math. Anal. Appl. Vol. 153, Issue 2, Dec 1990, 576–590, [jou>](#)

KoekoekMeijer1993, *A generalization of Laguerre polynomials*, SIAM J. Math. Anal. 24-3 (1993), 768-782, [gen>](#)

Konhauser1967, *Biorthogonal polynomials suggested by the Laguerre polynomials*, Pacific J. Math. Vol. 21, No. 2, 1967, [nat>](#)

Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67–84, [gen>](#)

Mohanty1976, *Interesting properties of Laguerre polynomials*, Fibonacci Quart. 1976 (14,1): 42, [fibqy>](#)

MorenoGarcia-Caballero2011a, *q -Sobolev orthogonality of the q -Laguerre polynomials $L_n^{(-N)}(\cdot; q)_n = \theta^n$ for positive integers N* , J. Korean Math. Soc. 48 (2011), No. 5, 913-926, [nat>](#)

pahio2013, *Generating function of Laguerre polynomials*, xxxx, [xxxx>](#)

PérezPinar1996, *On Sobolev orthogonality for the generalized Laguerre polynomials*, J. Approx. Theory Vol. 86, Issue 3, Sep 1996, 278–285, [jou>](#)

Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constant, a Vol. 16 (2), 2008, 109–116, [nat>](#)

Sanchez-MorenoManzanoDehesa2010, *Direct spreading measures of Laguerre polynomials*, J. Comput. Appl. Math. Vol. 235, Issue 5, Jan 2011, 1129–1140, [jou>](#)

Schoutens2001, *An application in stochastics of the Laguerre-type polynomials*, J. Comp. Appl. Math. Vol. 133, Issues 1–2, 1 Aug 2001, 593–600, [jou>](#)

Shen2000, *Orthogonal polynomials on the unit circle associated with the Laguerre polynomials*, Proc. Amer. Math. Soc. (2000) **129**, No. 3, 873–879, [nat>](#)

ShuklaMeher2010, *Generating functions for Laguerre type polynomials of two variables $L_n^{(a-n)}(x,y)$ by using group theoretic method*, Int. J. Math. Anal. (Ruse), Vol. 4, 2010, no. 48, 2357-2366, [gen>](#)

SimionStanton1993, *Specializations of generalized Laguerre polynomials*, SIAM J. Math. Anal. 25(2), 712–719. 8 p, [aXv>](#)

SinghalJoshi1982a, *On the unification of generalized Hermite and Laguerre polynomials*, Indian J. Pure Appl. Math. **13**(8): 904-906, August 1982, [nat>](#)

SinghalJoshi1982b, *On the unification of generalized Hermite and Laguerre polyn.*, Revista matemática hispanoamericana Vol. 42, N^o. 1-3, 1982, 82-89, [nat>](#)

SinghYadav2007, *On a general class of q -polynomials suggested by basic Laguerre polynomials*, Bull. Pure Appl. Math. 01(1) (2007), 94-102, [nat>](#)

Weiss1962, *Laguerre expansions for successive generations of a Renewal Process*, J. Research National Bureau of Standards-B. Math. and Math. Physics, Vol. 66B, No.4, Oct- Dec 1962, [jou>](#)

Zeng J.1995, *The q -Stirling numbers, continued fractions and the q -Charlier and q -Laguerre polyn.*, J. Comp. Appl. Math. Vol. 57, Issue 3, Feb 1995, 413–424, [jou>](#)

Laguerre little q -polynomials

Ben CheikhLamiri0uni2011, *d -orthogonality of little q -Laguerre type polynomials*, J. Comp. Appl. Math Vol. 236, Issue 1, 1 Aug 2011, 74–84, [jou>](#)

MorenoGarcia-Caballero2009, *Non-standard orthogonality for the Little q -Laguerre polynomials*, Applied Math. Letters Vol. 22, Issue 11, Nov 2009, 1745–1749, [gen>](#)

Lah

BelbachirBousbaa2014a, *Associated Lah numbers and r -Stirling numbers*, arXiv (12 May 2014), [aXv>](#)

BelbachirBousbaa2014b, *Combinatorial identities for the r -Lah numbers*, Ars Comb. 115: 453-458 (2014), [gen>](#)

Della Riccia2004, *Inversions relating Stirling, Tanh, Lah numbers and an application to Mathematical Statistics*, arXiv (31May 2004), [aXv>](#)

Della Riccia2006, *Converting between generalized Bell, Lah, Stirling, and Tanh numbers*, J. Integer Seq. Vol. 9 (2006), Article 06.3.5, [jis>](#)

LindsayMansourShattuck2011, *A new combinatorial interpretation of a q -analogue of the Lah numbers*, J. Comb. Vol. 2 (2011), No. 2, 245-264, [jou>](#)

NyulRacz2014, *The r -Lah numbers*, Discrete Math. Vol. 338, Issue 10, Oct. 2015, 1660–1666, [gen>](#)

Tauber1965, *On generalized Lah-numbers*, Proc. Edinb. Math. Soc. (2), (1965) **14**, 229-232, [nat>](#)

Tauber1968a, *Lah numbers for Fibonacci and Lucas polynomials*, Fibonacci Quart. 1968 (6,5): 93-99, [fibqy>](#)

Tauber1968b, *Lah numbers for r-polynomials*, Fibonacci Quart. 1968 (6,5): 100-107, [fibqy>](#)

Wagner1996, *Generalized Stirling and Lah numbers*, Discrete Math. Vol. 160, Issues 1–3, 15 Nov 1996, 199–218, [gen>](#)

lattice

Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#)

Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)

FelsnerHeldt2015, *Lattice path enumeration and Toeplitz matrices*, J. Integer Seq. Vol. 18 (2015), Article 15.1.3, [jis>](#)

Hennesy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)

Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177–191, [gen>](#)

Nkwanta2003, *A Riordan matrix approach to unifying a selected class of combinatorial arrays*, Congr. Numer. 160 (2003), 33-45, [gen>](#)

Nkwanta2008, *Lattice Paths, Riordan Matrices and RNA Numbers*, Congr. Numer. 01/2008, [gen>](#)

Nkwanta2009, *Lattice path and RNA secondary structure predictions*, Fifteenth Conf. for Afri. Amer. Researchers in the Math. Sci-Rice University, June 23-26, 2009, [gen>](#)

Nkwanta2010, *Riordan matrices and higher-dimensional lattice*

walks, J. of Statist. Plann. Inference Vol. 140, Issue 8, Aug 2010, 2321–2334, [jou>](#)

NkwantaShapiro2005, *Pell walks and Riordan matrices*, Fibonacci Quart. 2005 (43,2): 170-180, [fibqy>](#)

Stanley1975, *The Fibonacci lattice*, Fibonacci Quart. 1975 (13,3): 215-232, [fibqy>](#)

SulankeXin2006, *Hankel determinants for some common lattice paths*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)

Zaremba1970, *A remarkable lattice generated by Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 185-198, [fibqy>](#)

Laurent

Barry2013f, *Laurent biorth. polyn. and Riordan arrays*, arXiv (10 Nov 2013), ErmanSmithVarilly-Alvarado2011, *Laurent polynomials and Eulerian numbers*, J. Combin. Theory Ser. A, Vol. 118, Issue 2, Feb 2011, 396–402, [aXv>](#)

He2011a, *Riordan arrays associated with Laurent series and generalized Sheffer-type groups*, Linear Algebra Appl. Vol. 435, Issue 6, Sep. 2011, 1241–1256, [gen>](#)

LDU decomposition, Cholesky factorization

BarryHennessey2012b, *Riordan arrays and the LDU decomposition of symmetric Toeplitz plus Hankel matrices*, Linear Algebra Appl. Vol. 437, Issue 6, Sep 2012, 1380–1393, [gen>](#)

CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,1): 13-19, [fibqy>](#)

ChuiWardSmith1982, *Cholesky factorization of positive definite bi-infinite matrices*, Numer. Funct. Anal. Optim. Vol. 5, Issue 1, 1982, 1-20, [gen>](#)

HoradamFilipponi1991, *Cholesky algorithm matrices of Fibonacci type and properties of generalized sequences*, Fibonacci Quart. 1991 (29,2): 164-173, [fibqy>](#)

KoornwinderOnn2006, *LU factorizations, $q = 0$ limits, and p -adic interpretations of some q -hypergeometric orthogonal polynomials*, Ramanujan J. Vol. 13, Issue 1-3, (Jun 2007), 365-387, [aXv>](#)

LeeKimLee2002, *Factorizations and eigenvalues of Fibonacci and symmetric Fibonacci matrices*, Fibonacci Quart. 2002 (40,3): 203-211, [fibqy>](#)

Oruç2007, *LU factorization of the Vandermonde matrix and its applications*, Applied Math. Letters Vol. 20, Issue 9, Sep 2007, 982–987, [gen>](#)

Stanica2005, *Cholesky factorizations of matrices associated with r -order recurrent sequences*, Integers 5(2) (2005), [gen>](#)

Strang2013, *Banded matrices with banded inverses and $A=LPU$* , 5th Int. Congress of Chinese Mathematicians: ICCM2010, [gen>](#)

van der MeeRodriguezSeatzu1998, *Block Cholesky factorization of infinite matrices and orthonormalization of vectors of functions*, Lect. Notes Pure Appl. Math. 202, 423-456-Computational mathematics, [gen>](#)

Yang S-l.2005, *On the LU factorization of the Vandermonde matrix*, Discrete Applied Math. 146 (2005) 102–105, [gen>](#)

Legendre

AraciAcikgozBagdasaryanSen2013, *The Legendre polynomials associated with Bernoulli, Euler, Hermite and Bernstein polynomials*, Turkish J. Anal. Number Theory, 2013, Vol. 1, No.

1, 1-3, [nat>](#)

ChuWei2008, *Legendre inversions and balanced hypergeometric series identities*, Discrete Math. Vol. 308, Issue 4, 28 Feb 2008, 541–549, [gen>](#)

GarrettKillpatrick2014, *Generalized Legendre-Stirling numbers*, Open J. Discrete Math. 2014, **4**, 109-114, [gen>](#)

GawronskiLittlejohnNeuschel2014, *On the asymptotic normality of the Legendre-Stirling numbers of the second kind*, arXiv (3 aug 2014), [aXv>](#)

Haggard1988, *Some further results on Legendre numbers*, Int. J. Math. Math. Sci. Vol. 11 (1988), Issue 3, 619-623, [gen>](#)

Hetyei2006b, *Central Delannoy numbers, Legendre polynomials, and a balanced join operation preserving the Cohen-Macaulay property*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

JinDickinson2000, *Apéry sequences and Legendre transforms*, J. Austral. Math. Soc. (Series A) 68 (2000), 349-356, [nat>](#)

KimRimKim2012, *Some identities on Bernoulli and Euler polynomials arising from orthogonality of Legendre polynomials*, J. Inequal. Appl. 2012, 2012: 227, [jou>](#)

OberleScottGilbertHatcherAddis1993, *Mellin transforms of a generalization of Legendre polynomials*, J. Comp. Appl. Math. 45 (1993), 367-369, [jou>](#)

Schmidt1995, *Legendre transforms and Apéry's sequences*, J. Austral. Math. Soc. (Series A) **58** (1995), 358-375, [nat>](#)

SrivastavaSinghSingh1980, *Bilateral generating functions for a new class of generalized Legendre polynomials*, Int. J. Math. Math. Sci. Vol. 3, No. 2 (1980), 305-310, [gen>](#)

Strehl1992, *Recurrences and Legendre Transform*, Sémin. Lothar.

Combin. B29b (1992), 22 p. 29 Thurnau, Sep 1992, [gen>](#)

WanZudilin2011, *Generating functions of Legendre polynomials: A tribute to Fred Brafman*, xxxx, [gen>](#)

Lehmer

Filipponi1997b, *Summation formulas for special Lehmer numbers*, Fibonacci Quart. 1997 (35,3): 252-257, [fibqy>](#)

KilicStanica2010, *The Lehmer matrix and its recursive analogue*, J. Combinat. Math. Combinat.Comput. 74 (2010), 193-205, [jou>](#)

LucaPorubsky2003, *The multiplicative group generated by the Lehmer numbers*, Fibonacci Quart. 2003 (vol.41,2): 122-132, [fibqy>](#)

ShannonMelham1993, *Carlitz generalizations of Lucas and Lehmer sequences*, Fibonacci Quart. 1993 (31,2): 105-111, [fibqy>](#)

Lehner Lengyel

BarskyBézivin2014, *p-adic properties of Lengyel's numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.7.3, [jis>](#)

L-functions

Bouganis2014, *On Special L-Values attached to Siegel Modular Forms, Iwasawa theory 2012 : state of the art and recent advance*, p. 135-176. Contrib. in mathematical and computational sci. (7), [gen>](#)

Chida2015, *Indivisibility of central values of L-functions for modular forms*, Proc. of the AMS Vol. 143, Number 7, Jul 2015, P 2829–2840, [nat>](#)

Dabrowski1994, *p-adic L-functions of Hilbert modular forms*, Annales de l'institut Fourier, tome 44, no 4 (1994), p 1025-1041, [gen>](#)

KimShahidi1999, *Symmetric cube L-functions for GL₂ are entire*, Annals of Math. 150 (1999), 645–662, [gen>](#)

Kozima2002, *Standard L-functions attached to vector valued Siegel modular forms*, Osaka J. Math. 39 (2002), 245–258, [nat>](#)

Liu S-C.Masri2014, *Nonvanishing of Rankin–Selberg L-functions for Hilbert modular forms*, R. Ramanujan J (2014) 34: 227, [gen>](#)

Panchishkin2007, *L-functions of Siegel modular forms, their families and lifting conjectures*, Modulformen, Oct 29–Nov 2 2007, (Oberwolfach, Germany), [gen>](#)

Perelli2004, *A survey of the Selberg class of L-functions, part II*, Riv. Mat. Univ. Parma (7) 3 * (2004) 4), 83–111, [nat>](#)

Perelli2005, *A survey of the Selberg class of L-functions, Part I*, Milan J. of Math. Oct 2005, Vol. 73, Issue 1, p 19–52, [nat>](#)

Saha2014, *Siegel modular forms of degree 2: Fourier coefficients, L-functions, and functoriality (a survey)*, xxxx, [gen>](#)

Saito1991, *A generalization of Gauss sums and its applications to Siegel modular forms and L-functions associated with the vector space of quadratic forms*, Journal für die reine und angewandte Mathematik (Crelles Journal). Vol. 1991, Issue 416, P 9–142, [gen>](#)

White2012, *The base change L-function for modular forms and beyond endoscopy*, J. Number Theory, Vol. 140, Jul 2014, P 13–37, [gen>](#)

Zhang S-W2002, *Elliptic curves, L-functions, and CM-points*, xxxx, [gen>](#)

linear algebra of certain matrices

BrawerPirovino1992, *The Linear Algebra of the Pascal matrix*, Linear Algebra Appl. Vol. 174, Sep 1992, 13–23, [gen>](#)

KiliçTasci2005, *The linear algebra of the Pell matrix*, Bol. Soc. Mat. Mexicana (3) Vol. 11, 2005, [nat>](#)

Zhizheng Z.1997, *The linear algebra of the generalized Pascal matrix*, Linear Algebra Appl. Vol. 250, Jan 1997, 51–60, [gen>](#)

Lucas

AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, [gen>](#)

AndersonBenjaminRouse2005, *Combinatorial proofs of Fermat's, Lucas's, and Wilson's theorems*, Amer. Math. Monthly, Vol. 112, No. 3, 266-268, Mar 2005, [nat>](#)

André-Jeannin1991, *A note on the irrationality of certain Lucas infinite series*, Fibonacci Quart. 1991 (29,2): 132-135, [fibqy>](#)

André-Jeannin1994a, *On a conjecture of Piero Filipponi*, Fibonacci Quart. 1994 (32,1): 11-13, [fibqy>](#)

Antoniadis1985, *Fibonacci and Lucas numbers of the form $3z^2 + 1$* , Fibonacci Quart. 1985 (23,4): 300-307, [fibqy>](#)

Azarian2012c, *Identities involving Lucas or Fibonacci and Lucas numbers as binomial sums*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 45, 2221-2227, [gen>](#)

Ballot2014, *On a congruence of Kimball and Webb involving Lucas sequences*, J. Integer Seq. Vol. 17 (2014), Article 14.1.3, [jis>](#)

BelbachirBencherif2007, *Sums of products of generalized*

Fibonacci and Lucas numbers, arXiv (17 Aug 2007), [aXv>](#)

BelbachirBencherif2008, *On some properties of bivariate Fibonacci and Lucas polynomials*, J. Integer Seq. Vol. 11 (2008), Article 08.2.6, [jis>](#)

BelbachirBenmezai2012, *Expansion of Fibonacci and Lucas polynomials: An answer to Prodinger's question*, J. Integer Seq. Vol. 15 (2012), Article 12.7.6, [jis>](#)

Benjamin2010, *The Lucas triangle recounted*, Congr. Numer. Proc. 12-th Conf. on

Fib. nbs. and their Appl. Vol. 200 (2010), 237-256, [gen>](#)

Benoumhani2003, *A sequence of binomial coefficients related to Lucas and Fibonacci numbers*, J. Integer Seq. Vol. 6 (2003), Article 03.2.1, [jis>](#)

Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences*, Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, [gen>](#)

BolatIpeKöse2012, *On the sequence related to Lucas numbers and its properties*, Math. Aeterna Vol. 2, 2012, no. 1, 63-75, [gen>](#)

Byrd1975b, *Relations between Euler and Lucas numbers*, Fibonacci Quart. 1975 (13,2): 111-114, [fibqy>](#)

CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,1): 13-19, [arXiv>](#)

Cerda-Morales2013, *On generalized Fibonacci and Lucas numbers by matrix methods*, Hacet. J. Math. Stat. Vol. 42 (2) (2013), 173-179, [gen>](#)

Cerin2009, *Sums of products of generalized Fibonacci and Lucas numbers*,

Demonstratio Math. Vol. XLII No 2 2009, [gen>](#)

CheonKimShapiro2009, *A generalization of Lucas polynomial sequence*, Discrete Appl. Math. Vol. 157, Issue 5, Mar 2009, 920–927, [gen>](#)

Falcon2012, *On the Lucas triangle and its relationship with the k -Lucas numbers*, J. Math. Comput. Sci. 2 (2012), No. 3, 425-434, [jou>](#)

Feinberg1967, *A Lucas triangle*, Fibonacci Quart. 1967 (5,5): 486-490, [fibqy>](#)

Ferns1969, *Products of Fibonacci and Lucas numbers*, Fibonacci Quart. 1969 (7,1): 1-12, [fibqy>](#)

Fielder1967a, *Certain Lucas-like sequences and their generation by partitions of numbers*, Fibonacci Quart. 1967 (5,4): 319-324, [fibqy>](#)

FilipponiHoradam1993a, *Second derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1993 (31,3): 194-204, [fibqy>](#)

FilipponiHoradam1993b(addendum), *Addendum to "Second derivative sequences of Fibonacci and Lucas polynomials"*, Fibonacci Quart. 1993 (31,3): 194-204, [fibqy>](#)

GodaseDhakne2014, *On the properties of k -Fibonacci and k -Lucas numbers*, Int. J. Adv. Appl. Math. and Mech. 2 (1) (2014), 100 – 106, [gen>](#)

Hansen1972, *Generating identities for Fibonacci and Lucas triples*, Fibonacci Quart. 1972 (10,6): 571-578, [fibqy>](#)

HeZhang W.2010, *Sum relations for Lucas sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.4.6, [jis>](#)

Hilton1974, *On the partition of Horadam's generalized sequences into generalized Fibonacci and generalized Lucas sequences*, Fibonacci Quart. 1974 (12,4): 339-344, [fibqy>](#)

HiltonPedersenVrancken1995, *On certain arithmetic properties of Fibonacci and Lucas numbers*, Fibonacci Quart. 1995 (33,3): 211-217, [fibqy>](#)

Hu2002, *On Lucas v -triangles*, Fibonacci Quart. 2002 (40,4): 290-294, [fibqy>](#)

HuSun Z-W.2001, *An extension of Lucas' theorem*, Proc. Amer. Math. Soc. Vol. 129, No. 12, 3471-3478, [nat>](#)

IrmakAlp2013, *Some identities for generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 331-338, [gen>](#)

Ismail2008-09, *One parameter generalizations of the Fibonacci and Lucas numbers*, Fibonacci Quart. 2008/09 (46/47,2): 167-179 arXiv (29 Jun 2006), [aXv>](#)

J. Pita Ruiz V.2013, *Some number arrays related to Pascal and Lucas triangles*, J. Integer Seq. Vol. 16 (2013), Article 13.5.7, [jis>](#)

Jarden1967, *A new important formula for Lucas numbers*, Fibonacci Quart. 1967 (5,4): 346, [fibqy>](#)

Jennings1994, *On sums of reciprocals of Fibonacci and Lucas numbers*, Fibonacci Quart. 1994 (32,1): 18-21, [fibqy>](#)

JiaLiuWang2007, *q -analogs of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2007 (45,1): 26-34, [fibqy>](#)

KappraffAdamson2004, *Generalized Binet formulas, Lucas polynomials, and cyclic constants*, Forma 19, 355-366, 2004, [gen>](#)

KaygisizSahin2012b, *New generalizations of Lucas numbers*, Gen. Math. Notes Vol. 10, No. 1, May 2012, 63-77, [gen>](#)

KaygisizSahin2012c, *Generalized bivariate Lucas p -polynomials and Hessenberg matrices*, J. Integer Seq. Vol. 15 (2012),

Article 12.3.4, [jis](#)>

KaygisizSahin2013b, *Determinants and Permanents of Hessenberg matrices and generalized Lucas polynomials*, Bull. Iranian Math. Soc. Vol. 39 No. 6 (2013), 1065-1078, [nat](#)>

Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle*, Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, [gen](#)>

LeeAsci2012, *Some properties of the (p,q) -Fibonacci and (p,q) -Lucas polynomials*, J. Appl. Math. Vol. 2012 (2012), Article ID 264842, 18 p, [jou](#)>

Lengyel1995, *The order of the Fibonacci and Lucas numbers*, Fibonacci Quart. 1995 (33,3): 234-239, [fibqy](#)>

Luca2000, *Equations involving arithmetic functions of Fibonacci and Lucas numbers*, Fibonacci Quart. 2000 (38,1): 49-55, [fibqy](#)>

LuJang2013, *The sum and product of Fibonacci numbs. and Lucas numbs., Pell numbs. and Pell-Lucas numbs. representation by matrix method*, WSEAS Trans. on Math., Issue 4, Vol. 12, Apr 2013, [gen](#)>

Mahajan2014, *The Binet forms for the Fibonacci and Lucas numbers*, Int. J. of Math. Trends and Technology Vol.10, No. 1, Jun 2014, [gen](#)>

McDaniel1994a, *On the greatest integer function and Lucas sequences*, Fibonacci Quart. 1994 (32,4): 297-300, [fibqy](#)>

McDaniel1994b, *The irrationality of certain series whose terms are reciprocals of Lucas sequence terms*, Fibonacci Quart. 1994 (32,4): 346-351, [fibqy](#)>

McDaniel2001, *On the factorization of Lucas numbers*, Fibonacci Quart., 2001 (39,3): 206-210, [fibqy](#)>

- Melham2000, *Sums of certain products of Fibonacci and Lucas numbers-Part II*, Fibonacci Quart. 2000 (38,1): 3-7, [fibqy>](#)
- MollVignat2014, *Generalized Bernoulli numbers and a formula of Lucas*, arXiv (12 Feb 2014), [aXv>](#)
- Muskat1993, *Generalized Fibonacci and Lucas sequences and rootfinding methods*, Math. Comp. **61** (1993), 365-372, [gen>](#)
- NalliHaukkanen2009, *On generalized Fibonacci and Lucas polynomials*, Chaos, Solitons and Fractals Vol. **42**, Issue 5, Dec 2009, 3179–3186, [gen>](#)
- NalliZhang2010, *On generalized Lucas polynomials and Euler numbers*, Miskolc Mathematical Notes Vol. 11 (2010), No. 2, 163–167, [nat>](#)
- ÖcalTugluAltinisik2006, *On the representation of k-generalized Fibonacci and Lucas numbers*, Applied Math. Comp. Vol. 170, Issue 1, 584-596 (1 Nov 2005), [gen>](#)
- Ozgur2002, *Generalizations of Fibonacci and Lucas sequences*, Note di Matematica 21, n. 1, 2002, 113–125, [gen>](#)
- Pandey2013, *On some magnified Fibonacci numbers modulo a Lucas number*, J. Integer Seq. Vol. 16 (2013), Article 13.1.7, [jis>](#)
- Pethel1985, *On Lucas fundamental functions and Chebychev polynomial sequences*, Fibonacci Quart. 1985 (23,1): 57-65, [fibqy>](#)
- Popov1985, *A note on the sums of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1985 (23,3): 238-239, [fibqy>](#)
- Prodinger2009, *On the expansion of Fibonacci and Lucas polynomials*, J. Integer Seq. Vol. 12 (2009), Article 09.1.6, [jis>](#)
- RandicMoralesAraujo2008, *Higher-order Lucas numbers*, Divulg. Mat. Vol. 16, No. 2, (2008), 275–283, [gen>](#)

- Robbins2005, *The Lucas triangle revisited*, Fibonacci Quart. 2005 (43,2): 142-148, [fibqy>](#)
- SeibertTrojovsky2007, *On multiple sums of products of Lucas numbers*, J. Integer Seq. Vol. 10 (2007), Article 07.4.5, [jis>](#)
- Shannon2010, *Another generalization of the Fibonacci and Lucas numbers*, Notes Number Theory Discrete Math.16 (2010), 3, 11-17, [gen>](#)
- ShannonMelham1993, *Carlitz generalizations of Lucas and Lehmer sequences*, Fibonacci Quart. 1993 (31,2): 105-111, [fibqy>](#)
- SinghSikhwaiPanwar2009, *Generalized determinantal identities involving Lucas polynomials*, Appl. Mathematical Sci. Vol. 3, 2009, no. 8, 377-388, [gen>](#)
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers*, Chaos, Solitons and Fractals, Vol. 27, Issue 5, Mar 2006, 1162–1177, [gen>](#)
- StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices*, Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606–2619, [gen>](#)
- Steiner1978, *On N-th powers in the Lucas and Fibonacci series*, Fibonacci Quart. 1978 (vol.16,5): 451-458, [fibqy>](#)
- Sun Z-W.2010b, *Binomial coefficients, Catalan numbers and Lucas quotients*, Sci. China Math. 53 (2010), no. 9, 2473–2488, [nat>](#)
- Sun Z-W.2012b, *On harmonic numbers and Lucas sequences*, Publ. Math. Debrecen 80 (2012), no. 1-2, 25–41, [nat>](#)
- Tauber1968a, *Lah numbers for Fibonacci and Lucas polynomials*, Fibonacci Quart. 1968 (6,5): 93-99, [fibqy>](#)
- Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 19

(2016), Article 16.5.4, [jis>](#)

Tingting W.Wenpeng Z.2012, *Some identities involving Fibonacci, Lucas polynomials and their applications*, Bull. Math. Soc. Sci. Math. Roumanie Tome 55 (103) No. 1, 2012, 95-103, [nat>](#)

Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials*, J. Integer Seq. Vol. 15 (2012), Article 12.2.7, [jis>](#)

Velasco2013, *Some number arrays related to Pascal and Lucas triangles*, J. Integer Seq. Vol. 16 (2013), Article 13.5.7, [jis>](#)

Wang J.1995, *On the k^{th} derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1995 (33,2): 174-178, [fibqy>](#)

Wang Q.2010, *On generalized Lucas sequences*, 20th anniv. conf. of IPM, May 15-21, 2009- Comb. and Graphs-Contemp. Math. 531 (2010), 127-141, [gen>](#)

Witula2013, *Binomials transformation formulae of scaled Lucas numbers*, Demonstratio Math. Vol. XLVI, No 1, 2013, 15-27, [gen>](#)

Wloch2013, *Some identities for the generalized Fibonacci numbers and the generalized Lucas numbers*, Appl. Math. Comput. Vol. 219, Issue 10, Jan 2013, 5564–5568, [gen>](#)

YeZhang Z.2007, *Relations between the reciprocal sum and the alternating sum for generalized Lucas numbers*, Acta Math. Univ. Comenianae Vol. LXXVI, 2(2007), 215–222, [nat>](#)

Young1995, *Quadratic reciprocity via Lucas sequences*, Fibonacci Quart. 1995 (33,1): 78-81, [fibqy>](#)

Zhang W.2004, *Some identities involving the Fibonacci numbers and Lucas numbers*, Fibonacci Quart. 2004 (42,2): 149-154, [fibqy>](#)

Zhao F.2001, *Summation of certain reciprocal series related to the generalized Fibonacci and Lucas numbers*, Fibonacci Quart. 2001 (39,5): 392-397, [fibqy>](#)

Zhao F.Wang T.2001b, *Some identities for the generalized Fibonacci and Lucas functions*, Fibonacci Quart. 2001 (39,5): 436-438, [fibqy>](#)

Zhou1996, *On the kth-order derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1996 (34,5): 394-408, [fibqy>](#)

Lucas-Bernoulli

KeepersYoung2008-09, *On higher order Lucas-Bernoulli numbers*, Fibonacci Quart. 2008-09 (46-47,1): 26-31, [fibqy>](#)

Lucasian

HiltonPedersenSomer1997, *On Lucasian numbers*, Fibonacci Quart. 1997 (35,1): 43-47, [fibqy>](#)

Somer2004, *A further note on Lucasian numbers*, Proc. 10th Int. Research Conf. on Fibonacci nbs. and their Applications Vol. 9: 225-234, [gen>](#)

Mahonian pairs, statistics

BabsonSteingrimsson2000, *Generalized permutation patterns and a classification of the Mahonian statistics*, Sémin. Lothar. Combin (2000) Vol. 44, page B44b, 18 p, [gen>](#)

Burstein2015, *On the distribution of some Euler-Mahonian statistics*, J. Comb. Vol. 6, Number 3, 273–284, 2015, [jou>](#)

DelfertEinziglerRawlings2003, *The derangement problem relative to the Mahonian process*, Int. J. Math. Math. Sci. Vol. 2003 (2003), Issue 24, 1497-1508, [gen>](#)

GalovichWhite2007, *Mahonian Z Statistics*, Discrete Math. 307

(2007) 2341–2350, [gen>](#)

SaganSavage2011, *Mahonian pairs*, J. Combin. Theory Ser. A, Vol. 119, Issue 3, Apr 2012, 526-545, [jou>](#)

Wilson2010, *An interesting new Mahonian permutation statistic*, arXiv (21 Jul 2010), [aXv>](#)

Meixner

Alvarez-NodarseMarcellan1995b, *Difference equation for modifications of Meixner polynomials*, J. Math. Anal. Appl. Vol. 194, Issue 1, Aug 1995, 250–258, [jou>](#)

BarryHennessy2010b, *Meixner-type results for Riordan arrays and associated integer sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.9.4, [jis>](#)

Bavinck, van Haeringen1994, *Difference equations for generalized Meixner polynomials*, J. Math. Anal. Appl. Vol. 184, Issue 3, Jun 1994, 453–463, [jou>](#)

BozejkoDemni2010, *Topics on Meixner families*, Banach Center Publications, 2010 Vol. 89, 61-74, [nat>](#)

BrycWesolowski2004, *Conditional moments of q -Meixner processes*, arXiv (13 Dec 2004), [aXv>](#)

GriffithsSpano2011, *Multiv. Jacobi and Laguerre polyn., infinite-dimens. extensions and their prob. connect. with multiv. Hahn and Meixner polynomials*, Bernoulli **17** (3), 2011, 1095–1125, [gen>](#)

KhanAkhlaq2012, *A note on generating functions and summation formulas for Meixner polynomials of several variables*, Demonstratio Math. Vol. XLV, No. 1, 2012, [gen>](#)

Shibukawa2014, *Multivariate Meixner, Charlier and Krawtchouk polynomials*, arXiv (29 Apr 2014), [aXv>](#)

Mellin

Coffey2006, *Special functions and the Mellin transforms of Laguerre and Hermite functions*, arXiv (28 Dec 2006), [aXv>](#)

FlajoletGourdonDumas1995, *Mellin transforms and asymptotics: Harmonic sums*, Theoret. Comput. Sci. 144 (1995), 3-58, [gen>](#)

Oosthuisen2011, *The Mellin transform*, This project is supported by the National Research Foundation (NRF) (2011), [gen>](#)

ménage problem

Alekseyev2015, *Weighted de Bruijn graphs for the Menage Problem and Its generalizations*, arXiv (27 Oct 2015), [aXv>](#)

BogartDoyle1985, *Non-sexist solution of the menage problem*, The American Mathematical Monthly, Vol. 93, No. 7 (Aug. – Sep., 1986), 514-518, [nat>](#)

Borges2010, *O Problema de Lucas-Ménage Probleme*, Universidade Federal do Piau 28 de setembro de 2010, [gen>](#)

Holst1991, *On the ‘problème des ménages’ from a probabilistic viewpoint*, Statist. Probab. Lett. Vol. 11, Issue 3, March 1991, 225-231, [gen>](#)

Kaplansky I.1943, *Solution of the “Problème des ménages”*, Bull. Amer. Math. Soc. 49 (1943), 784–785, [nat>](#)

Neuschel2012, *Asymptotics for ménage polynomials and certain hypergeometric polynomials of type $3F_1$* , J. Approx. Theory 164 (2012), 981–1006, [jou>](#)

Qureshi2007, *A new version of the ménages problem*, arXiv (24 May (2007), [aXv>](#)

Takacs1981, *On the “Problème des Ménages”*, Discrete Math. 36 (1981) 289 – 297, [gen>](#)

WymanMoser1958.pdf, *On the problème des ménages*, *Canad. J. Math.* 10 (1958), 468-480, [nat>](#)

Zeilberger2014, *Automatic énumération of generalized ménage numbers*, *Séminaire Lotharingien de Combinatoire* 71 (2014), Article B71a, [gen>](#)

mixed-type polynomials

Kim D.S.Kim T.KwonSeo2014, *Identities of some special mixed-type polynomials*, *Adv. Studies Theor. Phys.* Vol. 8, 2014, no. 17, 745-754, [gen>](#)

KimKim2013c, *Higher -order Cauchy of the first kind and poly-Cauchy of the first kind mixed type polynomials*, *arXiv* (9 Aug 2013), [aXv>](#)

modular

Hilbert

Wierstrass

modular curves

modular forms

modular functions

moments

AlbeverioHerzberg2008, *The moment problem on the Wiener space*, *Bull. Sci. math.* 132 (2008) 7–18, [nat>](#)

Barry2011a, *Riordan arrays, orthogonal polynomials as moments, and Hankel transforms*, *J. Integer Seq.* Vol. 14 (2011), Article 11.2.2, [jis>](#)

Barry2011c, *Combinatorial polynomials as moments, Hankel transforms, and exponential Riordan arrays*, *J. Integer Seq.*

Vol. 14 (2011), Article 11.6.7, [jis>](#)

Barry2011d, *Eulerian polynomials as moments, via exponential Riordan arrays*, J. Integer Seq. Vol. 14 (2011), Article 11.9.5, [jis>](#)

Barry2013e, *General Eulerian polynomials as moments using exponential Riordan arrays*, J. Integer Seq. Vol. 16 (2013), Article 13.9.6, [jis>](#)

Barry2013g, *Comparing two matrices of generalized moments defined by continued fraction expansions*, arXiv (27 Nov 2013), [aXv>](#)

Barry2014c, *Embedding structures associated with Riordan arrays and moment matrices*, Int. J. Comb. Vol. 2014 (2014), Article ID 301394, 7 p, [gen>](#)

BarryHennessey2010a, *The Euler-Seidel matrix, Hankel matrices and moment sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.8.2, [jis>](#)

BelbachirRahmaniSury2011, *Sums involving moments of reciprocals of binomial coefficients*, J. Integer Seq. Vol. 14 (2011), Article 11.6.6, [jis>](#)

BrycWesolowski2004, *Conditional moments of q -Meixner processes*, arXiv (13 Dec 2004), [aXv>](#)

ChenChu2009, *Moments on Catalan numbers*, J. Math. Anal. Appl. Vol. 349, Issue 2, 15 Jan 2009, 311–316, [jou>](#)

Di NardoSenato2006, *An umbral setting for cumulants and factorial moments*, European J. Combin. Vol. 27, Issue 3, Apr 2006, 394–413, [gen>](#)

Diaconis1986, *Application of the method of moments in probability and statistics*, Technical Report 262, Stanford Univ. Stanford-California, 1986, [gen>](#)

Dubois-Violette2015, *Lectures on the classical moment problem and its noncommutative generalization*, arXiv (5 Nov 2015), [aXv>](#)

Fasino1995, *Spectral properties of Hankel matrices and numerical solutions of finite moment problems*, J. Comp. Appl. Math. 65 (1995) 145-155, [jou>](#)

IsmailStanton1997, *Classical Orthogonal Polynomials as moments*, Can. J. Math. Vol. 49 (3), 1997, 520–542, [nat>](#)

IsmailStanton1998, *More orthogonal polynomials as moments*, Progr. Math. Vol. 161, 1998, 377-396, [gen>](#)

Kjeldsen1993, *The early history of the moment problem*, Historia Mathematica, Vol. 20, Issue 1, Feb 1993, 19–44, [gen>](#)

Landau1980, *The classical moment problem : Hilbertian proofs*, J. Funct. Anal. 38, 255-272 (1980), [jou>](#)

MizrahiGaletti2002, *Laguerre moments and generalized functions*, J. Phys. A: Math. Gen. 35 (2002) 3535–3546, [jou>](#)

Schmüdgen1987, *On a generalization of the classical moment problem*, J. Math. Anal. Appl. Vol. 125, Issue 2, August 1987, 461–470, [jou>](#)

Soundrarajan2009, *Moments of the Riemann z-function*, Ann. of Math. (2), 170 (2009), 981–993, [nat>](#)

Štampachxxxx, *The moment problem*, Seminar-Faculty of Nuclear Sciences and Physical Engineering, CTU Prague xxxx, [gen>](#)

Steere2012, *Orthogonal polynomials and the moment problem*, Faculty of Science, University of the Witwatersrand, Johannesburg, 2012, Master of Science, [gen>](#)

Sulanke2000, *Moments of generalized Motzkin paths*, J. Integer Seq. Vol. 3 (2000), Article 00.1.1, [jis>](#)

Tesko2011, *One generalization of the classical moment problem*,

Methods Funct. Anal. Topology, Vol. 17 (2011), no. 4, 356–380, [gen>](#)

Morgan-Voyce

André-Jeannin1994b, *A generalization of Morgan-Voyce polynomials*, Fibonacci Quart. 1994 (32,3): 228-231, [fibqy>](#)

Horadam1996c, *Polynomials associated with generalized Morgan-Voyce polynomials*, Fibonacci Quart. 1996 (34,4): 342-348, [fibqy>](#)

Swamy2000, *Generalizations of Modified Morgan-Voyce Polynomials*, Fibonacci Quart. 2000 (38,1): 8-16, [fibqy>](#)

Motzkin

Aigner1998, *Motzkin numbers*, European J. Combin. Vol. 19, Issue 6, Aug. 1998, 663–675, [gen>](#)

Arreghi2001a, *Tangent and Bernoulli numbers related to Motzkin and Catalan numbers by means of numerical triangles*, arXiv (17 Sept 2001), [aXv>](#)

BarcucciPinzaniSprugnoli1991, *The Motzkin family*, PU.M.A. Pure Mathematics and Applications Ser. A, **2** (1991), No. 3-4: 249-279, [gen>](#)

Bernhart1999, *Catalan, Motzkin, and Riordan numbers*, Discrete Math. Vol. 204, Issues 1–3, 6 Jun 1999, 73–112, [gen>](#)

BlasiakDattoliHorzelaPensonZhukovsky2008, *Motzkin numbers, central trinomial coefficients and hybrid polyn.*, J. Integer Seq. Vol. 11 (2008), Article 08.1.1, [jis>](#)

CameronYip2011, *Hankel determinants of sums of consecutive Motzkin numbers*, Linear Algebra Appl Vol. 434, Issue 3, 1 Feb 2011, 712–722, [gen>](#)

DengYan2008, *Some identities on the Catalan, Motzkin and*

Schröder numbers, Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2781–2789, [gen>](#)

DeutschSagan2006, *Congruences for Catalan and Motzkin numbers and related sequences*, J. Number Theory Vol. 117, Issue 1, Mar 2006, 191–215, [jou>](#)

DonagheyShapiro1977, *Motzkin numbers*, J. Combin. Theory Ser. A, Vol. 23, Issue 3, Nov 1977, 291–301, [jou>](#)

EuLiuYeh2008, *Catalan and Motzkin numbers modulo 4 and 8*, European J. Combin. Vol. 29, Issue 6, Aug 2008, 1449–1466, [gen>](#)

MansourSchorkSun2007, *Motzkin numbers of higher rank: generating function and explicit expression*, J. Integer Seq., Vol. 10 (2007), Article 07.7.4, [jis>](#)

Romik2003, *Some formulas for the central trinomial and Motzkin number*, J. Integer Seq. Vol. 6 (2003), Article 03.2.4, [jis>](#)

SteinWaterman1978, *On some sequences generalizing the Catalan and Motzkin numbers*, Discrete Math. Vol. 26, Issue 3, Jan 1979, 261–272, [gen>](#)

Sulanke2000, *Moments of generalized Motzkin paths*, J. Integer Seq. Vol. 3 (2000), Article 00.1.1, [jis>](#)

Wang YiZhang Z-H.2015, *Combinatorics of generalized Motzkin numbers*, J. Integer Seq. Vol. 18 (2015), Article 15.2.4, [jis>](#)

Narayana

Barry2011b, *On a generalization of the Narayana triangle*, J. Integer Seq. Vol. 14 (2011), Article 11.4.5, [jis>](#)

BarryHennessy2011, *A note on Narayana triangles and related polynomials, Riordan arrays, and MIMO capacity calculations*, J. Integer Seq. Vol. 14 (2011), Article 11.3.8, [jis>](#)

MansourSun2009, *Identities involving Narayana polynomials and Catalan numbers*, Discrete Math. Vol. 309, Issue 12, Jun 2009, 4079–4088, [gen>](#)

PetkovicBarryRajkovic2012, *Closed-form expression for Hankel determinants of the Narayana polynomials*, Czechoslovak Math. J. 62 (137) (2012), 39–57, [nat>](#)

PetkovicRajkovic2006, *Hankel transform of Narayana polynomials and generalized Catalan numbers*, Int. Conference PRIM 2006, [gen>](#)

Narumi

Kim D.S.Kim T.2014a, *Barnes-type Narumi polynomials*, Adv. Difference Equ. 2014, 2014: 182, [gen>](#)

n-bonacci numbers

Lee J-Z.Lee J-S.1987, *A complete characterization of B-power fractions that can be represented as series of of general n-bonacci numbers*, Fibonacci Quart. 1997 (25,1): 72-75, [fibqy>](#)

Newton series

ZengZhang1994, *A q-analog of Newton's series, Stirling functions and Eulerian functions*, Results Math. May 1994, Vol. 25, Issue 3-4, 370-391, [gen>](#)

Norlund

Adelberg1998, *2-adic congruences of Nörlund numbers and of Bernoulli numbers of the second kind*, J. Number Theory 73, 47-58 (1998), [jou>](#)

Adelberg1999, *Arithmetic properties of the Nörlund polynomial $B^n(x)$* , Discrete Math. 204 (1999) 5-13, [gen>](#)

Bencherif2010, *Sur une propriété des polynômes de Nörlund*, Actes des rencontres du C.I.R.M. Vol. 2 no 2 (2010), 71-77,

[gen>](#)

Carlitz1960a, *Note on Norlund's polynomial B^z_n* , Proc. Amer. Math. Soc. Vol. 11, No. 3 (Apr 1960), 452-455, [nat>](#)

Carlitz1967, *Some properties of the Nörlund polynomial $B_n(x)$* , Mathematische Nachrichten Volume Vol. 33, Issue 5-6, 297–311, 1967, [gen>](#)

LiuSrivastava2006, *Explicit formulas for the Nordlund polynomial $B_n(x)$ and $bn(x)$* , Comput. Math. Appl. Vol. 51, Issues 9–10, May 2006, 1377–1384, [gen>](#)

Steffensen1926, *On a generalization of Nordlund's polynomials*, Det Kgl . Danske Videnskabernes Selskab . Matematisk-fysiske Meddelelser . **VII**, 5., [gen>](#)

Norlund-Bernoulli

Zhang Z.1998, *Recurrence sequences and Nordlund-Bernoulli polynomials*, Math. Morav. Vol. 2 (1998), 161-168, [nat>](#)

Norlund-Euler

TianmingZhizheng1996, *Recurrence sequences and Nörlund-Euler polynomials*, Fibonacci Quart. 1996 (34,4): 314-319, [fibqy>](#)

operational calculus

Abdlhusein2014, *The Euler operator for basic hypergeometric series*, Int. J. Adv. Appl. Math. and Mech. 2 (1) (2014), 42-52, [gen>](#)

Abramov R.V.2010, *The multidimensional maximum entropy moment problem: A review on numerical methods*, [Commun. math. sci. 8\(2010\) · June 2010](#), [gen>](#)

Abramov2003, *When does Zeilberger's algorithm succeed?*, Adv. in Appl. Math. 30 (2003) 424–441, [gen>](#)

Adukov1999, *Generalized inversion of finite rank Hankel and Toeplitz operators with rational matrix symbols*, Linear Algebra App 290 (1999) 119-134, [gen>](#)

AharmimHamayaniWassouliGhanmi2013, *New operational formulas and generating functions for the generalized Zernike polynomials*, arXiv (12 Dec 2013), [aXv>](#)

Al-Salam1984, *Some operational formulas for the g -Laguerre polynomials*, Fibonacci Quart. 1984 (22,2): 166-170, [aXv>](#)

Al-Salam1989, *On some q -operators with applications*, Indag.Math. (N.S.) (Proceedings), Vol. 92, Issue 1, Mar 1989, 1-13, [gen>](#)

BasorEhrhardt1999, *On a class of Toeplitz + Hankel operators*, New York J. Math. 5 (1999) 1-16, [nat>](#)

Bavinck1998, *Differential and difference operators having orthogonal polynomials with two linear perturbations as eigenfunctions*, J. Comp. Appl. Math. Vol. 92, Issue 2, 26 Jun 1998, 85-95, [jou>](#)

Belbahri2010, *Scale invariant operators and combinatorial expansions*, Adv. in Appl. Math. Vol. 45, Issue 4, Oct 2010, 548-563, [gen>](#)

BojdiAhmadi-AslAminataei2013, *Operational matrices with respect to Hermite polyn. and their applications in solving linear differential equations with variable coeff.*, J. of Linear and Topological Algebra Vol. 02, No. 02, 2013, 91-103, [jou>](#)

Bouaziz1993, *Testing Gaussian sequences and asymptotic inversion of Toeplitz operators*, Probab. Math. Statist. Vol. 14, Fasc. 2 (1993), p 207-222, [gen>](#)

Cao2010, *Notes on Carlitz's q -operators*, Taiwanese J. Math. Vol. 14, No. 6, 2229-2244, Dec 2010, [nat>](#)

Cardenas-MoralesGarrancoRasa2011, *Bernstein-type operators which preserve polynomials*, *Comput. Math. Appl.* 62 (2011) 158–163, [gen>](#)

Carlitz1973, *Eulerian numbers and operators*, *Lecture Notes in Math.* 1971, 65-70 -The Theory of Arith. Funct., [gen>](#)

CarlitzScoville1975, *Eulerian numbers and operators*, *Fibonacci Quart.* 1975 (13,1): 71-83, [fibqy>](#)

Chapoton2011, *q-analogues of Bernoulli numbers & zeta operators at negative integers*, *CNRS et Université Claude Bernard Lyon 1*, [nat>](#)

Chatterjea1963a, *Operation formulae for certain classical polynomials (I)*, *Q. J. Math.* vol. 14, no. 1, pp. 241-246, 1963, [gen>](#)

Chatterjea1963b, *Operational formulae for certain classical polynomials-II*, *Rend. Semin. Mat. Univ. Padova*, 1963, Vol. 33, 163-169, [nat>](#)

Chatterjea1963c, *Operational formulae for certain classical polynomials-III*, *Rend. Semin. Mat. Univ. Padova*, 1963, Vol. 33, 271-277, [gen>](#)

ChatterjeaSrivastava1993, *A unified presentation of certain operational formulas for the Jacobi and related polynomials*, *Applied Math. and Computation*, Vol. 58, Issue 1, 15 Sep 1993, 77-95, [gen>](#)

ChenGu2008, *The Cauchy operator for basic hypergeometric series*, *Adv. in Appl. Math.* Vol. 41, Issue 2, Aug 2008, 177–196, [gen>](#)

ChenSaadSun2009, *An operator approach to the Al-Salam-Carlitz polynomials*, *arXiv* (9 Oct 2009), [arXiv>](#)

Costas-Santos2006, *The characterization theorems and the Rodrigues operator. A general approach*, *DGES grant BFM*

2003-06335-C03 Almer'ia, Aug 31, 2006 Universidad Carlos III de Madrid, [nat>](#)

DancsHe2013, *q-analogues of symbolic operators*, J. of Discrete Math. Vol. 2013 (2013), Article ID 487546, 6 p, [jou>](#)

Dattoli2000, *Generalized polynomials, operational identities and their applications*, J. Comp. Appl. Math. Vol. 118, Issues 1-2, Jun 2000, 111-123, [jou>](#)

DattoliLorenzuttaManchoTorre1999, *Generalized polynomials and associated operational identities*, J. Comp. Appl. Math. Vol. 108, Issues 1-2, Aug 1999, 209-218, [jou>](#)

Ehrhardt2004, *Factorization theory for Toeplitz plus Hankel operators and singular integral operators with flip*, Thesis, Fakultät für Mathematik, Technische Universität Chemnitz, 2004,

Ernst2004, *q-analogues of some operational formulas*, U.U.D.M. Report 2004: 4, [gen>](#)

Ernst2009, *q-calculus as operational algebra*, Proc. Est. Acad. Sci. 2008, 58, 2, 73-97, [nat>](#)

Ghanmi2013, *Operational formulae for the complex Hermite polynomials $H_{p,q}(z, z^{\wedge})$* , arXiv (10 Jan 2013), [aXv>](#)

Gould1963, *Operational recurrences involving Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 30-33, [fibqy>](#)

Halberg, Jr.1968, *The generalized Fibonacci operator*, The Fibonacci Quarterly 1968 (6,5): 15-33, [fibqy>](#)

He2008, *A symbolic operator approach to power series transformation-expansion formulas*, J. Integer Seq. Vol. 11 (2008), Article 08.2.7, [jis>](#)

HeHsuShiue2006, *Convergence of the summation formulas constructed by using a symbolic operator approach*, Comput.

Math. Appl. Vol. 51, Issues 3–4, Feb 2006, 441–450, [gen>](#)

HeHsuShiue2008, *A symbolic operator approach to several summation formulas for power series II*, Discrete Math. Vol. 308, Issue 16, 28 Aug 2008, 3427–3440,

HeHsuShiueTorney2005, *A symbolic operator approach to several summation formulas for power series*, J. Comp. Appl. Math. Vol. 177, Issue 1, 1 May 2005, 17–33, [jou>](#)

HeHsuYin2009, *A pair of operator summation formulas and their applications*, Comput. Math. Appl. Vol. 58, Issue 7, Oct 2009, 1340–1348, [gen>](#)

IbrahimDarus2011, *On operator defined by double zeta functions*, Tamkang J. Math. Vol. 42, No. 2, 163-174, Summer 2011, [nat>](#)

Ismail2001, *An operator calculus for the Askey-Wilson operator*, Ann. Comb. Dec 2001, Vol. 5, Issue 3-4, 347-362, [gen>](#)

Khan1995, *On some operational representations of q -polynomials*, Czechoslovak Math. J. Vol. 45 (1995), No. 3, 457–464, [nat>](#)

Krattenthaler1988, *Operator methods and Lagrange inversion: a unified approach to Lagrange formulas*, Trans. Amer. Math. Soc. Vol. 305, No. 2, Feb 1988, 431-465, [nat>](#)

Kwasniewski2004a, *Towards ψ -extension of finite operator calculus of Rota*, arXiv (5 Feb 2004),), [aXv>](#)

Nash1976, *Some operational formulas*, Fibonacci Quart. 1976 (14,1): 1-8, [fibqy>](#)

ÖksüzerKarsliYesildal2015, *Order of approximation by an operator involving biorthogonal polynomials*, J. Inequal. Appl. (2015) 2015: 121, [jou>](#)

PatilThakare1976a, *New operational formulas and generating functions for Laguerre polynomials*, Indian J. Pure Appl. Math. 1976 (7,10): 1104-1118, [nat>](#)

PhadkeThakare1979, *Generalized inverses and operator equations*, Linear Algebra Appl Vol. 23, Feb 1979, 191–199, [gen>](#)

Robin2012, *On the Rodrigues' formula approach to Operator factorization*, Int. Mathematical Forum, Vol. 7, 2012, no. 47, 2333 – 2351, [gen>](#)

RotaKahanerOdlyzko1973, *On the foundations of combinatorial theory. VIII. Finite operator calculus*, J. Math. Anal. Appl. Vol. 42, Issue 3, Jun 1973, 684–760, [jou>](#)

SaadSukhi2013, *The q-exponential operator*, Appl. Math. Sci. (Ruse) Vol. 7, 2013, no. 128, 6369-6380, [gen>](#)

Singhal1967, *Operational formulae for certain classical polynomials*, Rend. Semin. Mat. Univ. Padova, tome 38 (1967), 33-40, [nat>](#)

SrivastavaSinghSingh1979, *Operational derivation of generating functions of a generalized function*, Indian J. Pure Appl. Math. **10** (3), 326-328, Mar 1979, [nat>](#)

ZhangWuyungaowaMa2013, *A class of formal operators for combinatorial identities and its application*, Int. J. of Mathematical, Comput., Physical and Quantum Engineer. Vol. 7, No:3, 2013, [gen>](#)

Oresme

Cook2004, *Some sums related to sums of Oreme numbers*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 87-99, [gen>](#)

Horadam1974a, *Oresme numbers*, The Fibonacci Quarterly 1974 (12,3): 267-270, [fibqy>](#)

orthogonal (q -)polynomials

AharonovBeardonDriver2005, *Fibonacci, Chebyshev, and orthogonal polynomials*, Amer. Math. Monthly Vol. 112, No. 7 (2005), 612-630, [nat>](#)

AndrewsWimp2002, *Some q -orthogonal polynomials and related Hankel determinants*, Rocky Mountain J. Math. Vol. 32, No. 2, Summer 2002, [nat>](#)

Askey2005, *Duality for classical orthogonal polynomials*, J. Comp. Appl. Math. Vol. 178, Issues 1–2, 1 Jun 2005, 37–43, [jou>](#)

AtakishiyevKlimyk2004, *On q -orthogonal polynomials, dual to little and big q -Jacobi polynomials*, J. Math. Anal. Appl. Vol. 294, Issue 1, Jun 2004, 246-257, [jou>](#)

Barry2013f, *Laurent biorthogonal polynomials and Riordan arrays*, arXiv (10 Nov 2013), [aXv>](#)

BarryHennessey2012a, *Four-term recurrences, orthogonal polynomials and Riordan arrays*, J. Integer Seq., Vol. 15 (2012), Article 12.4.2, [jis>](#)

Bavinck1998, *Differential and difference operators having orthogonal polynomials with two linear perturbations as eigenfunctions*, J. Comp. Appl. Math. Vol. 92, Issue 2, 26 Jun 1998, 85–95, [jou>](#)

Ben CheikhBen Romdhane2011, *On d -symmetric classical d -orthogonal polynomials*, J. Comp. Appl. Math. Vol. 236, Issue 1, 1 Aug 2011, 85–93, [jou>](#)

Ben CheikhLamiriOuni2009, *On Askey-scheme and d -orthogonality, I: A characterization theorem*, J. Comp. Appl. Math. Vol. 233, Issue 3, 1 Dec 2009, 621–629, [jou>](#)

Ben CheikhOuni2008, *Some generalized hypergeometric d -orthogonal polynomial sets*, J. Math. Anal. Appl. Vol. 343,

Issue 1, Jul 2008, 464–478, [jou>](#)

Berg2011, *Fibonacci numbers and orthogonal polynomials*, Arab J. Math. Sci. Vol. 17, Issue 2, Jul 2011, 75–88, [nat>](#)

BertolaGekhtmanSzmigielski2010, *Cauchy biorthogonal polynomials*, J. Approx. Theory Vol. 162, Issue 4, Apr 2010, 832–867, [jou>](#)

BultheelCuyt Van AsscheVan BarelVerdonk2005, *Generalizations of orthogonal polynomials*, J. Comp. Appl. Math. Vol. 179, Issues 1–2, 1 Jul 2005, 57–95, [jou>](#)

CanteroIserles2013, *On expansions in orthogonal polynomials*, Adv. Comput. Math. 2013, Volume 38, Issue 1, 35-61, [gen>](#)

ChammamMarcellanSfaxi2012, *Orthogonal polynomials, Catalan numbers, and a general Hankel determinant evaluation*, Linear Algebra Appl Vol. 436, Issue 7, Apr 2012, 2105-2116, [gen>](#)

ChenSrivastava1995, *Orthogonality relations and generating functions for Jacobi polynomials and related hypergeometric functions*, Appl. Math. Comput. Vol. 68, Issues 2–3, 15 Mar 1995, 153–188, [gen>](#)

CorteelJosuat-VergèsWilliams2010, *The matrix ansatz, orthogonal polynomials, and permutations*, arXiv (15 May 2010), [aXv>](#)

Costas-Santos2006, *The characterization theorems and the Rodrigues operator. A general approach*, DGES grant BFM 2003-06335-C03 Almería, Aug 31, 2006 Universidad Carlos III de Madrid, [nat>](#)

Costas-SantosMarcellan2010, *q-Classical orthogonal polynomials: A general difference calculus approach*, Acta Appl. Math. Jul 2010, Vol. 111, Issue 1, 107-128 arXiv (23 Jun 2009), [gen>](#)

DamanikPushmitskiSimon 2008, *The analytic theory of matrix*

orthogonal polynomials, Surv. Approx. Theory, Vol. 4, 2008, 1–85, [gen>](#)

Della Riccia2008, *Riordan arrays, Sheffer sequences and “Orthogonal” Polynomials*, J. Integer Seq. Vol. 11 (2008), Article 08.5.3, [jis>](#)

DombrowskiNevai1986, *Orthogonal polynomials, measures and recurrence relations*, SIAM J. Math. Anal. 1986, Vol. 17, No. 3 : 752-759, [gen>](#)

DumitriuEdelmanShuman2004, *MOPS: Multivariate orthogonal polynomials (symbolically)*, J. Symbolic Comput. 42 (2007), 587–620, [jou>](#)

FoupouagnigniRonveauxKoepf1998, *Fourth order q -difference equation for the first associated of the q -classical orthogonal polynomials*, J. Comp. Appl. Math. Vol. 101, Issues 1–2, Jan 1999, 231–236, [jou>](#)

GhressiKhérijiTounsi2011, *An introduction to the q -Laguerre-Hahn orth. q -polyn.*, SIGMA Symmetry Integrability Geom. Methods Appl. 7 (2011), 092, 20 p, [gen>](#)

Grandati2013, *Exceptional orthogonal polynomials and generalized Schur polynomials*, arXiv (18 Nov 2013), [aXv>](#)

Hennesy2011, *A study of Riordan arrays with applications to continued fractions, orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology (Oct 2011), [gen>](#)

HoungaHounkonnouRonveaux2006, *New families of orthogonal polynomials*, J. Comput. Appl. Math. Vol. 193, Issue 2, Sept 2006, 474–483, [jou>](#)

HussainSingh1979, *Mixed generating relations for polynomials related to Konhauser biorth. Polyn.*, Port. Math. 1979, Vol. 38, Issue: 3-4, 181-187, [nat>](#)

HussainSingh1980, *Some properties of orthogonal polynomials*

related to Hermite polynomials, Indian J. Pure Appl. Math. 11(8): 1018-1020, Aug 1980, [nat>](#)

IserlesNorsett1988, *On the theory of biorthogonal polynomials*, Trans. Amer. Math. Soc. Vol. 306, No. 2 (Apr., 1988), 455-474, [nat>](#)

IsmailStanton1997, *Classical Orthogonal Polynomials as moments*, Can. J. Math. Vol. 49 (3), 1997, 520–542, [nat>](#)

IsmailStanton1998, *More orthogonal polynomials as moments*, Progr. Math. Vol. 161, 1998, 377-396, [gen>](#)

KarandePatil1981, *Expansion formulas for Srivastava polynomials in series of the Konhauser biorthogonal polynomials*, Indian J. Pure Appl. Math. 12(9):1124-1128, Sep 1981, [nat>](#)

KoekoekLeskySwarttouw2013, *Hypergeometric orthogonal polynomials and their q-analogues*, Springer Monographs in Mathematics 2013, [gen>](#)

KoepfSchmersau1998, *Representations of orthogonal polynomials*, J. Comp. Appl. Math. Vol. 90, Issue 1, Apr 1998, 57–94, [jou>](#)

Konhauser1967, *Biorthogonal polynomials suggested by the Laguerre polynomials*, Pacific J. Math. Vol. 21, No. 2, 1967, [nat>](#)

Koornwinder1988, *Group theoretic interpretation of Askey's scheme of hypergeometric orthogonal polynomials*, Lecture Notes in Math. Vol. 1329, 1988, 46-72, [gen>](#)

Koornwinder2014, *Additions to the formula lists in "Hypergeometric orthogonal polynomials and their q-analogues" by Koekoek, Lesky and Swarttouw*, arXiv (4 Jan 2014), [aXv>](#)

KoornwinderOnn2006, *LU factorizations, $q = 0$ limits, and p-adic interpretations of some q-hypergeometric orthogonal polynomials*, Ramanujan J. Vol. 13, Issue 1-3, (Jun 2007),

365-387, [aXv>](#)

KwonLittlejohn1997, *Classification of classical orthogonal polynomials*, J. Korean Math. Soc. 34 (1997), No. 4, 973–1008, [nat>](#)

Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177–191, [gen>](#)

MadhekarThakare1982, *Biorthogonal polynomials suggested by the Jacobi polynomials*, Pacific J. Math. Vol. 100, No. 2 (1982), 417-424, [nat>](#)

MarcellanMedem1999, *Q-classical orthogonal polynomials: a very classical approach*, Electron. Trans. Numer. Anal. Vol. 9, 1999, 112-127, [gen>](#)

MeijerPimar2003, *A generating function for Laguerre–Sobolev orthogonal polynomials*, J. Approx. Theory Vol. 120, Issue 1, Jan 2003, 111–123, [jou>](#)

MorenoGarcia-Caballero2011a, *q-Sobolev orthogonality of the q-Laguerre polynomials $L_n^{(-N)}(\cdot; q)_n = \theta^n$ for positive integers N*, J. Korean Math. Soc. 48 (2011), No. 5, 913-926, [nat>](#)

OdakeSasaki2008, *Orthogonal polynomials from Hermitian matrices*, arXiv (27 feb 2008), [aXv>](#)

ÖksüzerKarsliYesildal2015, *Order of approximation by an operator involving biorthogonal polynomials*, J. Inequal. Appl. (2015) 2015: 121, [jou>](#)

PérezPinar1996, *On Sobolev orthogonality for the generalized Laguerre polynomials*, J. Approx. Theory Vol. 86, Issue 3, Sep 1996, 278–285, [jou>](#)

Shah1972, *On some results on H-functions associated with orthogonal polynomials*, Math. Scand. 30 (1972), 331-336, [nat>](#)

Shen2000, *Orthogonal polynomials on the unit circle associated with the Laguerre polynomials*, Proc. Amer. Math. Soc. (2000) **129**, No. 3, 873–879, [nat>](#)

Steere2012, *Orthogonal polynomials and the moment problem*, Faculty of Science, University of the Witwatersrand, Johannesburg, 2012, Master of Science, [gen>](#)

Szablowski2013, *On the q -Hermite polynomials and their relationship with some other families of orth. polyn.*, Demonstratio Math. Vol. XLVI No 4 2013, [gen>](#)

Szwarc1992, *Connection coefficients of orthogonal polynomials*, Canad. Math. Bull. Vol. 35 (4), 1992, 548-556, [nat>](#)

ThakareMadhekar1988, *A pair of biorthogonal polynomials for the Szego-Hermite weight function*, Int. J. Math. Math. Sci. Vol. 11 No. 4 (1988), 763-768, [gen>](#)

Van AsscheCoussement2001, *Some classical multiple orthogonal polynomials*, J. Comp. Appl. Math.. Vol. 127, Issues 1–2, 15 Jan 2001, 317–347, [jou>](#)

Viennot1983, *Une théorie combinatoire des polynômes orthogonaux généraux*, Notes de conférences données à l'Univ. du Québec à Montréal, [gen>](#)

partial Euler product

FarmerKoutsoliotasLemurellZubairy2008, *Modular forms and L-functions with a partial Euler product*, xxxx, [gen>](#)

FarmerWilson2008, *Converse theorems assuming a partial Euler product*, The Ramanujan J. Feb 2008, Vol. 15, Issue 2, p 205-218, [gen>](#)

Lemurell2008, *Modular forms and L-functions with a partial Euler product*, J. Ramanujan Math. Soc., Vol.23, Issue 2, 2008, 105-121, [jou>](#)

Pascal

Barry2013b, *A note on a family of generalized Pascal matrices defined by Riordan arrays*, J. Integer Seq. Vol. 16 (2013), Article 13.5.4, [jis>](#)

Barry2013c, *On the inverses of a family of Pascal-like matrices defined by Riordan arrays*, J. Integer Seq. Vol. 16 (2013), Article 13.5.6, [jis>](#)

BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287-300, [nat>](#)

Bollinger1984, *Fibonacci k-sequences, Pascal-T triangles, and k-in-a-row problems*, Fibonacci Quarterly 1984 (22,2): 146-151, [fibqy>](#)

BoothNguyen2008-09, *Bernoulli polynomials and Pascal's square*, Fibonacci Quart. 2008-09 (46-47,1): 38-47, [fibqy>](#)

CallVelleman1993, *Pascal's Matrices*, The Amer. Math. Month. Vol. 100, No. 4 (Apr., 1993), p 372-376, [nat>](#)

EdelmanStrang2004, *Pascal matrices*, Amer. Math. Monthly, 111 (2004), 189-197, [nat>](#)

Edwards2008-09, *A Pascal-like triangle related to the tribonacci numbers*, Fibonacci Quart. 2008-09 (46-47,1): 18-25, [fibqy>](#)

Ernst2008b, *q-Pascal and q-Bernoulli matrices, an umbral approach*, U.U.D.M. Report 2008: 23, [gen>](#)

Hoggatt, Jr.Bicknell1976d, *Catalan and related sequences arising from inverses of Pascal's triangle matrices*, Fibonacci Quart. 1976 (14,5): 395-404, [fibqy>](#)

J. Pita Ruiz V.2013, *Some number arrays related to Pascal and Lucas triangles*, J. Integer Seq. Vol. 16 (2013), Article

13.5.7, [jis>](#)

Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle*, *Mathematical Spectrum* 2010/2011, Vol. 43 Issue 3, 125, [gen>](#)

Rogers1978, *Pascal triangles, Catalan numbers and renewal arrays*, *Discrete Math.* Vol. 22, Issue 3, 1978, 301-310, [gen>](#)

Szablowski2014, *A few remarks on Euler and Bernoulli polyn. and their connections with binom. coef. and modified Pascal matrices*, *Math. Aeterna*, Vol. 4, 2014, no. 1, 83-88, [gen>](#)

Velasco2013, *Some number arrays related to Pascal and Lucas triangles*, *J. Integer Seq.* Vol. 16 (2013), Article 13.5.7, [jis>](#)

WasutharatKuhapatanakul2012, *The generalized Pascal-like triangle and applications*, *Int. J. Contemp. Math. Sci.* Vol. 7, 2012, no. 41, 1989-1992, [gen>](#)

Yang S-L.You2007, *On a connection between the Pascal, Stirling and Vandermonde matrices*, *Discrete Applied Math.* Vol. 155, Issue 15, Sep 2007, 2025-2030, [gen>](#)

Zhang Z.Wang X.2007, *A factorization of the symmetric Pascal matrix involving the Fibonacci matrix*, *Discrete Appl. Math.* Vol. 155, Issue 17, Oct 2007, 2371-2376, [gen>](#)

Zhizheng Z.1997, *The linear algebra of the generalized Pascal matrix*, *Linear Algebra Appl.* Vol. 250, Jan 1997, 51-60, [gen>](#)

paths

Arreghi2001b, *Bernoulli and Euler numbers, Motzkin paths and numerical triangles*, *Pre-publicaciones del Seminario Matemático "García de Galdeano"*, N^o. 34, 2001, [gen>](#)

ChenDengYang2008, *Riordan paths and derangements*, *Discrete Math.* Vol. 308, Issue 11, Jun 2008, 2222–2227, [gen>](#)

ChengEuFu2007, *Area of Catalan paths on a checkerboard*, European J. of Combin. Vol. 28, Issue 4, May 2007, 1331–1344, [gen>](#)

ElizaldeMansour2005, *Restricted Motzkin permutations, Motzkin paths, continued fractions, and Chebyshev polynomials*, Discrete Math. 305 (2005) 170–189, [gen>](#)

KauersZeilberger2011, *The computational challenge of enumerating high-dimensional rook walks*, Adv. in Appl. Math. Vol. 47, Issue 4, (Oct 2011), 813–819, [gen>](#)

Nkwanta2009, *Lattice path and RNA secondary structure predictions*, 15th Conf. African American Researchers Math. Sci.-Rice Univ., Jun 23-26, 2009, [gen>](#)

NkwantaShapiro2005, *Pell walks and Riordan matrices*, Fibonacci Quart. 2005 (43,2): 170-180, [fibqy>](#)

Sulanke2000, *Moments of generalized Motzkin paths*, J. Integer Seq. Vol. 3 (2000), Article 00.1.1, [jis>](#)

Sun Y.Ma2014b, *Minors of a class of Riordan arrays related to weighted partial Motzkin paths*, Europ. J. Combin. Vol. 39, Jul 2014, 157–169 arXiv (9 May 2013), [aXv>](#)

Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)

Yan2007, *From (2, 3)-Motzkin paths to Schroder paths*, J. Integer Seq. Vol. 10 (2007), Article 07.9.1, [jis>](#)

patterns

BerniniBouvelFerrerri2006 (1), *Some statistics on permutations avoiding generalized patterns*, GASCom 2006, Sep 2006, Dijon, France, [gen>](#)

BerniniBouvelFerrerri2006 (2), *Some statistics on permutations avoiding generalized patterns*, arXiv (29 Nov 2006), [aXv>](#)

Elizalde2006, *Asymptotic enumeration of permutations avoiding generalized patterns*, Adv. Appl. Math. 36 (2006), 138–155, [gen>](#)

Krattenthaler2001, *Permutations with restricted patterns and Dyck paths*, Adv. Appl. Math. 27, 510–530 (2001), [gen>](#)

Rajaraman2012, *Asymptotic behaviour of permutations avoiding generalized patterns*, MATH 821-Final Projects Dec 2010, Simon Fraser University, [gen>](#)

RegevRoichman2005, *Generalized statistics on S_n and pattern avoidance*, European J. Combin. 26 (2005), 29–57, [gen>](#)

Robertson1999, *Permutations containing and avoiding 123 and 132 patterns*, arXiv (29 Mar 1999), [aXv>](#)

RobertsonWilfZeilberger1999, *Permutation patterns and continued fractions*, Electron. J. Combin. 6 (1999), #R38 2, [jou>](#)

Pell

de AndradeSantosda SilvaSilva2013, *Polynomial generalizations and combinatorial interpretations for seq. including the Fibonacci and Pell numbers*, Open J. of Discrete Math. 2013, 3, 25-32, [gen>](#)

DuvalVaughan1988, *Pell polynomials and a conjecture of Mahon and Horadam*, Fibonacci Quart. 1988 (26,4): 344-353, [fibqy>](#)

Horadam1994b, *Maximal representations of positive integers by Pell numbers*, Fibonacci Quart. 1994 (32,3): 240-244, [fibqy>](#)

HoradamMahon1985, *Pell and Pell-Lucas polynomials*, Fibonacci Quart. 1985 (23,1): 7-20, [fibqy>](#)

JhalaRathoreSisodiya2014a, *Some determinantal identities involving Pell polynomials*, Int. J. Scientific Innovative Math. Research Vol. 2, Issue 5, May 2014, 481-488, [gen>](#)

KiliçTasci2006, *The generalized Binet formula, representation and sums of the generalized order-k Pell numbers*, Taiwanese J. of Math. Vol. 10, No. 6, 1661-1670, Dec 2006, [nat>](#)

LuJang2013, *The sum and product of Fibonacci numbs. and Lucas numbs., Pell numbs. and Pell-Lucas numbs. representation by matrix method*, WSEAS Trans. on Math., Issue 4, Vol. 12, Apr 2013, [gen>](#)

MahonHoradam1987b, *Ordinary generating functions for Pell polynomials*, Fibonacci Quart. 1987 (25.1): 45-56, [fibqy>](#)

SantanaDiaz-Barrero2006, *Some properties of sums involving Pell numbers*, Missouri J. Math. Sci. 01/2006; 18(1), 33-40, [nat>](#)

ShannonHoradam2004, *Generalized Pell numbers and polynomials*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 213-224, [gen>](#)

Pell-Lucas

Dasdemir2011, *On the Pell, Pell-Lucas and modified Pell numbers By matrix method*, Appl. Math. Sci. Vol. 5, 2011, no. 64, 3173-3181, [gen>](#)

HoradamMahon1985, *Pell and Pell-Lucas polynomials*, Fibonacci Quart. 1985 (23,1): 7-20, [fibqy>](#)

LuJang2013, *The sum and product of Fibonacci numbs. and Lucas numbs., Pell numbs. and Pell-Lucas numbs. representation by matrix method*, WSEAS Trans. on Math., Issue 4, Vol. 12, Apr 2013, [gen>](#)

Pell equation, Pell-Abel equation

Halter-Koch2011, *Diophantine equations of Pellian type*, J. Number Theory Vol. 131, Issue 9, Sep 2011, 1597–1615, [jou>](#)

Pastor2001, *Generalized Chebyshev polynomials and Pell-Abel*

equation, Fundam. Prikl. Mat., 2001, Volume 7, Issue 4, P 1123–1145, [gen>](#)

Wegener1981, *An application of Pell's equation*, Fibonacci Quart. 1981 (19,5): 450-451, [fibqy>](#)

Yokota2010, *Solutions of polynomial Pell's equation*, J. Number Theory 130 (2010) 2003–2010, [jou>](#)

permanents

KaygisizSahin2013b, *Determinants and Permanents of Hessenberg matrices and generalized Lucas polynomials*, Bull. Iranian Math. Soc. Vol. 39 No. 6 (2013), 1065-1078, [nat>](#)

permutations

Atkinson1999, *Restricted permutations*, Discrete Math. 195 (1999) 27-38, [gen>](#)

BabsonSteingrimsson2000, *Generalized permutation patterns and a classification of the Mahonian statistics*, Sémin. Lothar. Combin (2000) Vol. 44, page B44b, 18 p, [gen>](#)

BerniniBouvelFerrerri2006 (1), *Some statistics on permutations avoiding generalized patterns*, GASCom 2006, Sep 2006, Dijon, France, [gen>](#)

BerniniBouvelFerrerri2006 (2), *Some statistics on permutations avoiding generalized patterns*, arXiv (29 Nov 2006), [aXv>](#)

BrandenClaessonSteingrimsson2002, *Catalan continued fractions and increasing subsequences in permutations*, Discrete Math. 258 (2002), 275–287, [gen>](#)

CorteelJosuat-VergèsWilliams2010, *The matrix ansatz, orthogonal polynomials, and permutations*, arXiv (15 May 2010), [aXv>](#)

DokosDwyerJohnsonSaganSelsor2012, *Permutation patterns and*

statistics, Discrete Math. Vol. 312, Issue 18, 28 Sep 2012, 2760–2775, [gen>](#)

Edge2007, *Restricted colored permutations and Chebyshev polynomials*, Discrete Math. Vol. 307, Issue 14, 28 Jun 2007, 1792–1800, [gen>](#)

Elizalde2006, *Asymptotic enumeration of permutations avoiding generalized patterns*, Adv. Appl. Math. 36 (2006), 138–155, [gen>](#)

ElizaldeMansour2005, *Restricted Motzkin permutations, Motzkin paths, continued fractions, and Chebyshev polynomials*, Discrete Math. 305 (2005) 170–189, [gen>](#)

Krattenthaler2001, *Permutations with restricted patterns and Dyck paths*, Adv. Appl. Math. 27, 510–530 (2001), [gen>](#)

Mansour2004c, *Restricted 132-Dumont permutations*, Australas. J. Combin. Vol. 29 (2004), 103–117, [nat>](#)

MansourVainshtein2000, *Restricted permutations, continued fractions, and Chebyshev polynomials*, Electron. J. Combin. 7 (2000), #R17, [gen>](#)

MansourVainshtein2001, *Restricted 132-avoiding permutations*, Adv. in Appl. Math. 26, 258–269 (2001), [gen>](#)

MansourVainshtein2002, *Restricted permutations and Chebyshev polynomials*, Sémin. Lothar. Combin. 47 (2002), Article B47c, [gen>](#)

Parviainen2006, *Lattice path enumeration of permutations with k occurrences of the pattern 2-13*, J. Integer Seq. Vol. 9 (2006), Article 06.3.2, [jis>](#)

Rajaraman2012, *Asymptotic behaviour of permutations avoiding generalized patterns*, MATH 821-Final Projects Dec 2010, Simon Fraser University, [gen>](#)

Robertson1999, Permutations containing and avoiding 123 and 132 patterns, arXiv (29 Mar 1999), [aXv>](#)

Robertson2004, Restricted permutations from Catalan to Fine and back, Sém. Lothar. Combin 50 (2004), Article B50g, [gen>](#)

RobertsonWilfZeilberger1999, Permutation patterns and continued fractions, Electron. J. Combin. 6 (1999), #R38 2, [jou>](#)

Perrin

KaygisizSahin2013a, *Generalized Van der Laan and Perrin polynomials, and generalizations of Van der Laan and Perrin numbers*, Selçuk J. Appl. Math. Vol. 14. No. 1. 89-103, 2013, [nat>](#)

Poisson-Charlier

Privault2011, Generalized Bell polynomials and the combinatorics of Poisson central moments, The electr. j. of comb. 18 (2011), [gen>](#)

polynomial_mixed-type

KimKim2013c , *Higher -order Cauchy of the first kind and poly-Cauchy of the first kind mixed type polynomials* , arXiv (9 Aug 2013), [aXv>](#)

KimKim2013e, *Poisson-Charlier and poly-Cauchy mixed-type polynomials*, arXiv (4 Sep 2013), [aXv>](#)

KimKimKwonSeo2014, *Identities of some special mixed-type polynomials*, Adv. Studies Theor. Phys. Vol. 8, 2014, no. 17, 745 54,

poly-numbers, poly-polynomials

Kamano2012, *Sums of products of poly-Bernoulli numbers of*

negative index, J. Integer Seq. Vol. 15 (2012), Article 12.1.3, [aXv>](#)

Kaneko1997, *Poly-Bernoulli numbers*, J. Théor. Nombres Bordeaux, tome 9, No. 1 (1997), 221-228, [nat>](#)

Komatsu2013a, *Poly-Cauchy numbers*, Kyushu J. Math. 67 (2013), 143–153, [nat>](#)

Komatsu2013b, *Sums of products of Cauchy numbers, including poly-Cauchy numbers*, J. Discrete Math. Vol, 2013 (2013), Article ID 373927, 10 p, [jou>](#)

Komatsu2013c, *Poly-Cauchy numbers and poly-Bernoulli numbers*, xxxx, [xxxx>](#)

posets

Bidkhori2011, *Finite Eulerian posets which are binomial or Sheffer*, FPSAC 2011, Reykjavík, Iceland (DMTCS), proc. A0, 2011, 159–170, [gen>](#)

Bidkhori2012, *Finite Eulerian posets which are binomial, Sheffer or triangular*, J. Combin. Theory Ser. A, Vol. 119, Issue 3, Apr 2012, 765–787, [jou>](#)

EhrenborgReaddy2006, *Characterization of Eulerian binomial and Sheffer posets*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)

process

Anshelevich2004a, *q- Lévy processes*, arXiv (21 Jan 2004), [aXv>](#)

BrycWesolowski2004, *Conditional moments of q-Meixner processes*, arXiv (13 Dec 2004), [aXv>](#)

DelfertEinzigerRawlings2003, *The derangement problem relative to the Mahonian process*, Int. J. Math. Math. Sci. Vol. 2003 (2003), Issue 24, 1497-1508, [gen>](#)

production matrices

DeutschFerrariRinaldi2005, *Production matrices*, Adv. Appl. Math. Vol. 34, Issue 1, Jan 2005, 101–122, [gen>](#)

q-analogue calculus

AskeyRahmanSuslov1996, *On a general q-Fourier transformation with nonsymmetric kernels*, J. Comp. Appl. Math. Vol. 68, Issues 1–2, Apr 1996, 25–55, [jou>](#)

Berndt2000, *Flowers which we cannot yet see growing in Ramanujan's garden of hypergeometric series, elliptic functions, and q 's*, Nato Sci. Ser. II Math. Phys. Chem. Vol. 30, 2001, 61-85, [gen>](#)

Berndt2010, *What is a q-series?*, Ramanujan Math. Soc. Lect. Notes Ser. Ramanujan Rediscovered, 2010, 31-51, [gen>](#)

Cameron2013, *Enumerative combinatorics 5: q-analogues*, The LTCC lectures- Autumn 2013, [gen>](#)

Dhaouadi2013, *On the q-Bessel Fourier transform*, Bull. Math. Anal. Appl. Vol. 5 Issue 2 (2013), 42-60, [nat>](#)

Ernst2008c, *The different tongues of q-calculus*, Proc. Est. Acad. Sci. 2008, 57, 2, 81–99, [nat>](#)

Ernst2009, *q-calculus as operational algebra*, Proc. Est. Acad. Sci. 2008, 58, 2, 73-97, [nat>](#)

Ernst2011, *q-analogues of general reduction formulas by Buschman and Srivastava and an important q-operator reminding of MacRobert*, Demonstratio Math. Vol. XLIV No 2 2011, [gen>](#)

Ernst2013, *An umbral approach to find q-analogues of matrix formulas*, Linear Algebra Appl. Vol. 439, Issue 4, Aug 2013, 1167–1182, [gen>](#)

IsmailRahmanSuslov1997, *Some summation theorems and*

transformations for q-series, Can. J. Math. Vol. **49** (3), 1997, 543–567, [nat>](#)

Koornwinder1996, *Special functions and q-commuting variables*, Special Functions, q-Series and Related Topics, 131–166 , [aXv>](#)

Koornwinder2005a, *q-special functions, an overview*, arXiv (6 Nov 2005), [aXv>](#)

Koornwinder2013, *q-special functions, a tutorial*, arXiv (14 Oct 2013), [aXv>](#)

Koornwinder2014, *Additions to the formula lists in “Hypergeometric orthogonal polynomials and their q-analogues” by Koekoek, Lesky and Swarttouw*, arXiv (4 Jan 2014), [aXv>](#)

KoornwinderSwarttouw1992, *On q-analogues of the Fourier and Hankel transforms*, Trans. Amer. Math. Soc. Vol. 333, No. 1, Sep 1992, [nat>](#)

MelhamShannon1995a, *Some summation identities using generalized Q-matrices*, Fibonacci Quart. 1995 (33,1): 64-73, [fibqy>](#)

PurohitKalla2007, *On q-Laplace transforms of the q-Bessel functions*, Fract. Calc. Appl. Anal. Vol. 10, No. 2, (2007), 189-196, [gen>](#)

Yang1988, *Limits of q-polynomial coefficients*, Fibonacci Quart. 1988 (26,1): 64-69, [fibqy>](#)

Racah coefficients

ArimaHorieTanabe1954, *Generalized Racah coefficient and its applications*, Progr. Theoret. Phys. Vol. 11, No.2, Feb 1954, [gen>](#)

EliasGingold2010, *Approximation of the Jacobi polynomials and the Racah coefficients*, Rocky Mountain J. Math. Vol. 40, No. 3, 2010, [nat>](#)

Groenevelt2005, *Wilson function transforms related to Racah coefficients*, arXiv (28 Jan 2005), [aXv>](#)

recurrence relations

AgohDilcher2009, *Higher-order recurrences for Bernoulli numbers*, J. Number Theory **129**, Issue 8, Aug 2009, 1837–1847, [jou>](#)

Aloui2015, *Hankel Determinant for a Sequence that Satisfies a Three-Term Recurrence Relation*, J. Integer Seq. Vol. 18 (2015), Article 15.1.5, [jis>](#)

Ando1995, *On a system of sequences defined by a recurrence relation*, Fibonacci Quart. 1995 (33,3): 279-282, [fibqy>](#)

AndradePethe1992, *On the rth-order nonhomogeneous recurrence relation and some generalized Fibonacci sequences*, Fibonacci Quart. 1992 (30,3): 256-262, [fibqy>](#)

André-Jeannin1997, *Summation of reciprocals in certain second-order recurring sequences*, Fibonacci Quart. 1997 (35,1): 68-74, [fibqy>](#)

AskeyWilson1984, *A recurrence relation generalizing those of Apéry*, J. Aust. Math. Soc. Vol. 36 / Issue 02 / Apr 1984, 267-278, [nat>](#)

AtanassovHleBarskaMihov1992, *Recurrent formulas of the generalized Fibonacci and Tribonacci sequences*, Fibonacci Quart. 1992 (30,1): 77-79, [fibqy>](#)

BarberoSalasVillasenior2013, *Bivariate generating functions for a class of linear recurrences. II. Applications*, arXiv (22 jul 2013), [aXv>](#)

BarnabeiBriniNicoletti1982, *Recursive matrices and umbral calculus*, J. Algebra Vol. 75, Issue 2, Apr 1982, 546–573, [jou>](#)

Barry2009c, *Symmetric third-order recurring sequences*,

Chebyshev polynomials, and Riordan arrays, J. Integer Seq. Vol. 12 (2009), Article 09.8.6, [jis>](#)

BarryHennessey2012a, *Four-term recurrences, orthogonal polynomials and Riordan arrays*, J. Integer Seq., Vol. 15 (2012), Article 12.4.2, [jis>](#)

BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287–300, [nat>](#)

BenderDaalhuisGaoRichmondWormald2010, *Asymptotics of some convolutional recurrences*, Electron. J. Combin. **17** (2010), [gen>](#)

BenjaminDerksQuinn2011, *The combinatorialization of linear recurrences*, Electron. J. Combin. **18** (2) (2011), [gen>](#)

BerezanskyIvasiukMokhonko2008, *Recursion relation for orthogonal polynomials on the complex plane*, Methods Funct. Anal. Topology Vol. 14 (2008), no. 2, 108–116, [gen>](#)

BergumHoggatt, Jr.1975, *Sums and products for recurring sequences*, Fibonacci Quart. 1976 (14,2): 115-120, [fibqy>](#)

BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)

Brousseau1976, *Recursion relations of products of linear recursion sequences*, Fibonacci Quart. 1976 (14,2): 159-166, [fibqy>](#)

Callan2005, *A combinatorial interpretation for a super-Catalan recurrence*, J. Integer Seq. Vol. 8 (2005), Article 05.1.8, [jis>](#)

CarlipSomer2003, *The existence of special multipliers of second-order recurrence sequences*, Fibonacci Quart. 2003 (41,2): 156-168, [fibqy>](#)

Cheon G-S.HwangRimSong2003, *Matrices determined by a linear recurrence relation among entries*, Linear Algebra Appl Vol. 373, Nov 2003, 89–99, [gen>](#)

ChenShapiro2007, *On sequences G_n satisfying $G_n = (d + 2)G_{n-1} - G_{n-2}$* , J. Integer Seq. Vol. 10 (2007), Article 07.8.1, [jis>](#)

CookBacon2013, *Some identities for Jacobsthal and Jacobsthal-Lucas numbers satisfying higher order recurrence relations*, Ann. Math. Inform. **41** (2013), 27–39, [gen>](#)

CorvajaZannier2002, *Finiteness of integral values for the ratio of two linear recurrences*, Invent. Math. (2002) Aug. 2002, Vol. 149, Issue 2, 431-451, [gen>](#)

Djordjevic2005a, *Some properties of the sequences $C_{(n,3)}=C_{(n-1,3)}+C_{(n-3,3)}+r$* , Fibonacci Quart. 2005 (43,3): 202-207, [fibqy>](#)

DombrowskiNevai1986, *Orthogonal polynomials, measures and recurrence relations*, SIAM J. Math. Anal. 1986, Vol. 17, No. 3 : 752-759, [gen>](#)

DukeGreenfieldSpeer1998, *Properties of a quadratic Fibonacci recurrence*, J. Integer Seq. Vol. 1 (1998), Article 98.1.8, [jis>](#)

Everest van der PoortenShparlinskiWard2003, *Recurrence sequences*, Mathematical Surveys and Monographs, vol 104, [gen>](#)

Ford1967, *A shift formula for recurrence relations of order m* , Fibonacci Quart. 1967 (5,5): 461-465, [fibqy>](#)

Frenklach1985, *Linear recurrence relations with binomial coefficients*, Fibonacci Quart. 1985 (23,4): 359-363, [fibqy>](#)

Gerhold2009, *The shape of the value sets of linear recurrence sequences*, J. Integer Seq. Vol. 12 (2009), Article 09.3.6, [jis>](#)

Gould1963, *Operational recurrences involving Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 30-33, [fibqy>](#)

Gould1975, *Formal proof of equivalence of two solutions of the general Pascal recurrence*, Fibonacci Quart. 1975 (13,2): 127-128, [fibqy>](#)

HamzaAhmedYoussef2011, *On the recursive sequence $x(n+1)=(a+bx(n))/A+Bx(^k)(n-1)$* , Arab J. Math. Sci. Vol. 17, Issue 1, Jan 2011, 31-44, [nat>](#)

HeShiue2009, *On sequences of numbers and polynomials defined by linear recurrence relations of order 2*, Int. J. Math. Math. Sci. Vol. 2009 (2009), Article ID 709386, 21 p, [gen>](#)

Horadam1992b, *Generation of Genocchi polynomials of first order by recurrence relations*, Fibonacci Quart. 1992 (30,3): 239-242, [fibqy>](#)

Howard1994, *Congruences and recurrences for Bernoulli numbers of higher order*, Fibonacci Quart. 1994 (32,4): 316-328, [fibqy>](#)

Howard1995, *Applications of a recurrence for the Bernoulli numbers*, J. Number Theory, Vol. 52, Issue 1, May 1995, 157-172, [jou>](#)

HuSun Z-W.Liu2001, *Reciprocal sums of second-order recurrent sequences*, Fibonacci Quart. 39(2001), no. 3, 214-220, [fibqy>](#)

Janjic2012, *Determinants and recurrence sequences*, J. Integer Seq. Vol. 15 (2012), Article 12.3.5, [jis>](#)

Katriel2008, *On a generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.3.8, [jis>](#)

KiliçStanica2011, *A matrix approach for general higher order linear recurrences*, Bull. Malays. Math. Sci. Soc. (2) 34(1) (2011), 51-67, [nat>](#)

KitaevMansour2005, *Linear recurrences and Chebyshev*

polynomials, Fibonacci Quart. 2005 (43,3): 256-261, [fibqy>](#),

Labelle1980, *Sur l'inversion et l'itération continue des séries formelles*, European J. Combin. Vol. 1, Issue 2, Jun 1980, 113–138, [gen>](#)

Lee G-Y.KimSho2003, *Generalized Fibonacci functions and sequences of generalized Fibonacci functions*, Fibonacci Quart. 2003 (41,2): 108-121, [fibqy>](#)

Lee1997, *On some basic properties of the second-order inhomogeneous line-sequence*, Fibonacci Quart. 1997 (35,2): 111-121, [fibqy>](#)

Lehmer1935, *Lacunary recurrence formulas for the numbers of Bernoulli and Euler*, Ann. of Math. (2), Vol. 36, No. 3, (Jul 1935), 637-649, [nat>](#)

LenstraShallit1992, *Continued fractions and linear recurrences*, Math. Comp. **61**, No. 203, Jul 1993, 351-354, [gen>](#)

Levesque1985, *On m-th order linear recurrences*, Fibonacci Quart. 1985 (23,4): 290-293, [fibqy>](#)

Lewanowicz1996, *Recurrence relations for the connection coefficients orthogonal polynomials of a discrete variable*, J. Comput. Appl. Math. Vol. 76, Issues 1–2, 17 Dec 1996, 213–229, [gen>](#)

Liu1992, *A matrix method to solve linear recurrences with constant coefficients*, Fibonacci Quart. 1992 (30,1): 2-8, [fibqy>](#)

LiuQiDing2010 , *Some recurrence relations for Cauchy numbers of the first kind* , J. Integer Seq. Vol. 13 (2010), Article 10.3.8 [fibqy>](#)

LuzonMoron2010, *Recurrence relations for polynomial sequences via Riordan matrices*, Linear Algebra Appl. Vol. 433, Issue 7, Dec 2010, 1422–1446, [gen>](#)

Mansour2006, *Combinatorial methods and recurrence relations with two indices*, J. Difference Equ. Appl. Vol. 12, Issue 6, 2006, [jou>](#)

MansourShattuck2013a, *A combinatorial approach to a general two-term recurrence*, Discrete Appl. Math. Vol. 161, Issues 13–14, Sep 2013, 2084–2094, [gen>](#)

MelhamJennings1995, *On the general linear recurrence relation*, Fibonacci Quart. 1995 (33,2): 142-146, [fibqy>](#)

MihoubiBelbachir2014, *Linear recurrences for r -Bell polynomials*, J. Integer Seq. Vol. 17 (2014), Article 14.10.6, [jis>](#)

Mills1975, *Continued Fractions and Linear Recurrences*, Math. Comp. Vol. 29, No 129, Jan 1975, 173-180, [gen>](#)

Momiyama2001, *A new recurrence formula for Bernoulli numbers*, Fibonacci Quart. 2001 (39,3): 285-288, [fibqy>](#)

Neuwirth2001, *Recursively defined combinatorial functions: extending Galton's board*, Discrete Math. Vol. 239, Issues 1–3, Aug 2001, 33–51, [gen>](#)

Nevai1979, *Orthogonal polynomials defined by a recurrence relation*, Trans. Amer. Math. Soc. Vol. 250 (Jun 1979), 369-384, [nat>](#)

Rabinowitz1999b, *Algorithmic manipulations of second-order linear recurrences*, Fibonacci Quart. 1999 (37,2): 162-176, [fibqy>](#)

Robbins1982, *Some identities and divisibility properties of linear second-order recursion sequences*, Fibonacci Quart. 1982 (20,1): 21-23, [fibqy>](#)

RonveauxZarzoGodoy1995, *Recurrence relations for connection coefficients between two families of orthogonal polynomials*, J. Comp. Appl. Math. Vol. 62, Issue 1, Aug 1995, 67-73, [jou>](#)

- Rota1964, *The number of partitions of a set*, Amer. Math. Monthly, Vol. 71, No 5 (May, 1964), 498-504, [nat>](#)
- Sburlati2007, *Generalized Fibonacci sequences and linear recurrences*, Rend. Sem. Mat. Univ. Pol. Torino – Vol. 65, 3 (2007), [nat>](#)
- Shannon1974a, *Explicit expressions for powers of linear recursive sequences*, Fibonacci Quart. 1974 (12,3): 281-287, [fibqy>](#)
- Shannon1974c, *Some properties of a fundamental recursive sequence of arbitrary order*, Fibonacci Quart. 1974 (12,4): 327-334, [fibqy>](#)
- ShannonOllerton2002, *Combinatorial matrices and linear recursive sequences*, Fibonacci Quart. 2002 (40,5): 417-423, [fibqy>](#)
- Shi1995, *Concerning the recursive sequences $A_{n+k} = \sum_{i=1}^k a_i A_{n+i-1}$* , Fibonacci Quart. 1995 (33,3): 240-243, [fibqy>](#)
- ShoreyStewart1987, *Pure powers in recurrent sequences and some related Diophantine equations*, J. Number Theory Vol, 27, Issue 3, Nov 1987, 324–352, [jou>](#)
- Spilker1997, *Initial values for homogeneous linear recurrences of second order*, Fibonacci Quart. 1997 (35,1): 24-27, [fibqy>](#)
- Spivey2011, *On solutions to a general combinatorial recurrence*, J. Integer Seq. Vol. 14 (2011), Article 11.9.7, [jis>](#)
- Stanica2005, *Cholesky factorizations of matrices associated with r -order recurrent sequences*, Integers 5(2) (2005), [gen>](#)
- Steffensen1928, *A general summation formula*, Det Kgl . Danske Videnskabernes Selskab . Matematisk-fysiske Meddelelser . **VIII**, 7 , [gen>](#)

- Strehl1992, *Recurrences and Legendre Transform*, Sémin. Lothar. Combin. B29b (1992), 22 p. 29 Thurnau, Sep 1992, [gen>](#)
- Sun Z-H.2001b, *Linear recursive sequences and powers of matrices*, Fibonacci Quart. 2001 (39,4): 339-351, [fibqy>](#)
- Sury2009, *Generalized Catalan numbers: linear recursion and divisibility*, J. Integer Seq. Vol. 12 (2009), Article 09.7.5, [jis>](#)
- TianmingZhizheng1996, *Recurrence sequences and Nörlund-Euler polynomials*, Fibonacci Quart. 1996 (34,4): 314-319, [fibqy>](#)
- WimpZeilbercer1985, *Resurrecting the asymptotics of linear recurrences*, J. Math. Anal. Appl. 111, 162-176 (1985), [jou>](#)
- Yang S-l.2012, *Recurrence relations for the Sheffer sequences*, Linear Algebra Appl. Vol. 437, Issue 12, Dec 2012, 2986–2996, [gen>](#)
- Zannier2005, *Diophantine equations with linear recurrences An overview of some recent progress*, J. Théor. Nombres Bordeaux 17 (2005), 423–435, [nat>](#)
- ZekiriBencherif2011, *A new recursion relationship for Bernoulli numbers*, Ann. Math. Inform. **38** (2011), 123–126, [gen>](#)
- Zhang Z.1997a, *Some properties of the generalized Fibonacci sequences $C(n) = C(n-1) + C(n-2) + r$* , Fibonacci Quart. 1997 (35,2): 169-171, [fibqy>](#)
- Zhang Z.1998, *Recurrence sequences and Nordlund-Bernoulli polynomials*, Math. Morav. Vol. 2 (1998), 161-168, [nat>](#)
- Zhang Z.Wang X.2002, *A note on a class of computational formulas involving the multiple sum of recurrence sequences*, Fibonacci Quart. 2002 (40,5): 394-397, [fibqy>](#)
- Zollner1993, *A disjoint system of linear recurring sequences generated by $u(n+2) = u(n+1) + u(n)$ which contains every*

natural number, Fibonacci Quart. 1993 (31,2): 162-164, [fibqy>](#)

renewal array, process

Rogers1978, *Pascal triangles, Catalan numbers and renewal arrays*, Discrete Math. Vol. 22, Issue 3, 1978, 301–310, [gen>](#)

Weiss1962, *Laguerre expansions for successive generations of a Renewal Process*, J. Research National Bureau of Standards-B. Math. and Math. Physics, Vol. 66B, No.4, Oct- Dec 1962, [jou>](#)

Riemann (see also z-function)

AraciBagdasaryanOzelSrivastava2014, *New symmetric identities involving q -zeta type functions*, Appl. Math. Inf. Sci. **8**, No. 6, 2803-2808 (2014),

ByrnesJiuMollVignat2013, *Recursion rules for the hypergeometric zeta function*, arXiv (8 May 2013),

CandelpergherCoppo2012, *A new class of identities involving Cauchy numbers, harmonic numbers and zeta values*, Ramanujan J. April 2012, Volume 27, Issue 3, 305-328,

Chul1997a, *Hypergeometric series and the Riemann zeta function*, Acta Arith. LXXXII.2 (1997),

HassenNguyen2005, *Hypergeometric zeta functions*, arXiv (27 Sep 2005), [aXv>](#)

IbrahimDarus2011, *On operator defined by double zeta functions*, Tamkang J. Math. Vol. 42, No. 2, 163-174, Summer 2011,

Ivic2008, *The Laplace and Mellin transforms of powers of the Riemann zeta-function*, arXiv (2 Jun 2006),

Kim2006b, *q -analogue of Euler- Barnes multiple zeta functions*, arXiv (6 Mar 2006),

Kim2009a, *q-Euler numbers and polynomials associated with multiple q-zeta functions*, arXiv (24 Dec 2009),

Kim2009b, *Barnes type multiple q-zeta functions and q-Euler polynomials*, arXiv (28 Dec 2009),

KimRimSimsekKim2008, *On the analogs of Bernoulli and Euler numbers, related identities and zeta and L-functions*, J. Korean Math. **45** (2008), No. 2, 435-453,

KimRyooJangRim2005, *Exploring the q-Riemann zeta function and q-Bernoulli polynomials*, Discrete Dyn. Nat. Soc. Vol. 2005 (2005), Issue 2, 171-181,

KimSimsek2005, *Barnes' type multiple Changhee q-zeta functions*, arXiv (10 Feb 2005),

KimSimsekSrivastava2005, *q-Bernoulli numbers and polynomials associated with multiple q-zeta functions and basic L-series*, arXiv (1 Feb 2005),

Laurincikas2010, *Universality of the Riemann zeta-function*, J. Number Theory Vol. 130, Issue 10, Oct 2010, 2323–2331,

Soria-LorenteCumbrera-Gonzales2014, *q-hypergeometric representations of the q-analogue of zeta function*, J. of Fractional Calculus and Applications Vol. 5 (2) Jul 2014, 1-8,

Soundrarajan2009, *Moments of the Riemann z-function*, Ann. of Math. (2), 170 (2009), 981–993,

Sury2003, *Bernoulli numbers and the Riemann zeta function*, Resonance Jul 2003, Vol. 8, Issue 7, 54-62,

Riordan arrays

AgapitoMestrePetrulloTorres2011, *Riordan arrays and applications via the classical Umbral Calculus*, arXiv (30 Mar 2011), [aXv>](#)

AgapitoMestrePetrulloTorres2013, *A symbolic treatment of Riordan arrays*, *Linear Algebra App.* Vol. 439, Issue 7, Oct 2013, 1700–1715, [gen>](#)

Barry2009c, *Symmetric third-order recurring sequences, Chebyshev polynomials, and Riordan arrays*, *J. Integer Seq.* Vol. 12 (2009), Article 09.8.6, [jis>](#)

Barry2010b, *The restricted Toda chain, exponential Riordan arrays, and Hankel transforms*, *J. Integer Seq.* Vol. 13 (2010), Article 10.8.4, [jis>](#)

Barry2011a, *Riordan arrays, orthogonal polynomials as moments, and Hankel transforms*, *J. Integer Seq.* Vol. 14 (2011), Article 11.2.2, [jis>](#)

Barry2011c, *Combinatorial polynomials as moments, Hankel transforms, and exponential Riordan arrays*, *J. Integer Seq.* Vol. 14 (2011), Article 11.6.7, [jis>](#)

Barry2011d, *Eulerian polynomials as moments, via exponential Riordan arrays*, *J. Integer Seq.* Vol. 14 (2011), Article 11.9.5, [jis>](#)

Barry2013e, *General Eulerian polynomials as moments using exponential Riordan arrays*, *J. Integer Seq.* Vol. 16 (2013), Article 13.9.6, [jis>](#)

Barry2013f, *Laurent biorthogonal polynomials and Riordan arrays*, *arXiv* (10 Nov 2013), [aXv>](#)

Barry2013g, *Comparing two matrices of generalized moments defined by continued fraction expansions*, *arXiv* (27 Nov 2013), [aXv>](#)

Barry2014a, *Generalized Stirling numbers, exponential Riordan arrays, and Toda chain equations*, *J. Integer Seq.* Vol. 17 (2014), Article 14.2.3, [jis>](#)

Barry2014c, *Embedding structures associated with Riordan*

arrays and moment matrices, Int. J. Comb. Vol. 2014 (2014), Article ID 301394, 7 p, [gen>](#)

BarryHennesy2012a, *Four-term recurrences, orthogonal polynomials and Riordan arrays*, J. Integer Seq., Vol. 15 (2012), Article 12.4.2, [jis>](#)

BarryHennesy2012b, *Riordan arrays and the LDU decomposition of symmetric Toeplitz plus Hankel matrices*, Linear Algebra Appl. Vol. 437, Issue 6, Sep 2012, 1380–1393, [gen>](#)

BalofMenashe2007, *Semiorders and Riordan Numbers*, J. Integer Seq. Vol. 10 (2007), Article 07.7.6, [jis>](#)

BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287–300, [nat>](#)

Cheon G-S.El-Mikkawy2008, **Generalized harmonic numbers with Riordan arrays**, J. Number Theory Vol. 128, Issue 2, Feb 2008, 413–425, [jou>](#)

Della Riccia2008, *Riordan arrays, Sheffer sequences and "Orthogonal" Polynomials*, J. Integer Seq. Vol. 11 (2008), Article 08.5.3, [jis>](#)

Egorychev(2011), *Combinatorial sums: Egorychev's method of coefficients and Riordan arrays*, J. Kepler Universitat Linz, Technisch-Naturwissenschaftliche Fakultät (Linz, 2011), [thesis](#)

He2011a, *Riordan arrays associated with Laurent series and generalized Sheffer-type groups*, Linear Algebra Appl. Vol. 435, Issue 6, Sep. 2011, 1241–1256, [gen>](#)

He2017, *Riordan Arrays and Double Riordan Arrays*, 2017 Internat. Conf. on Combinatorics Inst. of Math., Academia Sinica, Taipei, Ta (May 19 – 22, 2017), [gen>](#)

LuzónMerliniMorónSprugnoli2012, *Identities induced by Riordan*

arrays, *Linear Algebra Appl.* 436 (2012) 631–647, [gen>](#)

LuzónMorón2008, *Ultrametrics, Banach's fixed point theorem and the Riordan group*, *Discrete Appl. Math.* Vol. 156, Issue 14, Jul 2008, 2620–2635, [gen>](#)

LuzónMorón2009, *Riordan matrices in the reciprocation of quadratic polynomials*, *Linear Algebra Appl.* Vol. 430, Issues 8–9, Apr 2009, 2254–2270, [gen>](#)

LuzónMorón2010, *Recurrence relations for polynomial sequences via Riordan matrices*, *Linear Algebra Appl.* Vol. 433, Issue 7, Dec 2010, 1422–1446, [gen>](#)

Nkwanta2003, *A Riordan matrix approach to unifying a selected class of combinatorial arrays*, *Congr. Numer.* 160 (2003), 33-45, [gen>](#)

Nkwanta2008, *Lattice Paths, Riordan Matrices and RNA Numbers*, *Congr. Numer.* 01/2008, [gen>](#)

Nkwanta2010, *Riordan matrices and higher-dimensional lattice walks*, *J. of Statist. Plann. Inference* Vol. 140, Issue 8, Aug 2010, 2321–2334, [jou>](#)

NkwantaBarnes2012, *Two Catalan-type Riordan arrays and their connections to the Chebyshev*