

Glossary database

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- AbateWhitt2011, *Brownian Motion and the generalized Catalan numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.2.6, [jis>](#)
- 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>](#)
- Abramov S.A.2003, *When does Zeilberger's algorithm succeed?*, Adv. in Appl. Math. 30 (2003) 424-441, [gen>](#)
- Abu-MostafaPsaltis1985, *Image normalization by complex moments*, IEEETrans. Pattern Anal. Machine Intel. vol. PAMI-7, NO. 1, Jan 1985, [gen>](#)
- AcetoMalonekTomaz2014, *A unified matrix approach to the representation of Appell polynomials*, arXiv (3 Jun 2014), [aXv>](#)
- Adelberg1995, *A finite difference approach to degenerate Bernoulli and Stirling polynomials*, Discrete Math. 140 (1995) 1-21, [gen>](#)
- 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 $B^*(x)n$* , Discrete Math. 204 (1999) 5-13, [gen>](#)
- 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>](#)
- 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>](#)
 - Agapito2010, *A classical umbral view of the Riordan group and related Sheffer sequences*, Algebra and Combinatorics Seminar, Nov 26, 2010, [gen>](#)
 - 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>](#)
 - AgapitoRuiz2012, *An umbral symbolic characterization of Riordan arrays*, XVIII Incontro Italiano di Combinatoria Algebrica, 2012, Matera, Italy, Sep 10 2012, [gen>](#)
 - AgarwalTariboonJain2014, *New bilateral type generating function associated with I-function*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 157297, 3 p, [gen>](#)
 - AgarwalTariboonJain2014, *New bilateral type generating function associated with I-function*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 157297, 3 p, [gen>](#)
 - 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>](#)
- AgohDilcher2009, *Higher-order recurrences for Bernoulli numbers*, J. Number Theory **129**, Issue 8, Aug 2009, 1837-1847, [jou>](#)
- AgohDilcher2015, *Representations of Stirling numbers of the first kind by multiple integrals*, Integers 15 (2015), [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>](#)
- AharmimHamyaniWassouliGhanmi2013, *New Zernike polynomials*, arXiv (12 Dec 2013), [aXv>](#)
- AharonovBeardonDriver2005, *Fibonacci, Chebyshev, and orthogonal polynomials*, Amer.Math. Monthly Vol. 112, No. 7 (2005), 612-630, [nat>](#)
- AhmiaBelbachirBelkhir2014, *The log-concavity and log-convexity properties associated to hyperPell and hyperPell-Lucas sequences*, Ann. Math. Inform. 43 (2014) 3–12, [gen>](#)
- Aigner1998, *Motzkin numbers*, European J. Combin. Vol. 19, Issue 6, Aug. 1998, 663-675, [gen>](#)
- Aigner1999a, *Catalan-like numbers and determinants*, J. Combin. Theory Ser. A, **87**, Issue 1, Jul 1999, 33–51, [jou>](#)
- Aigner1999b, *A characterization of the Bell numbers*, Discrete Math. Vol. 205, Issues 1–3, Jul 1999, 207-210, [gen>](#)
- 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>](#)
- 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>](#)

- AlamChongdar2007, *On generating functions of modified Laguerre polynomials*, Rev. Real Academia de Ciencias, Zaragoza 62: 91-98, (2007), [nat>](#)
- AlbeverioHerzberg2008, *The moment problem on the Wiener space*, Bull. Sci. math. 132 (2008) 7-18, [nat>](#)
- AldenhovenKoelink de los Rios2013, *Matrix Valued little q-Jacobi Polynomials Related to Matrix Valued Basic Hypergeometric Series*, Seminario de Teoría de Lie, Universidad Nacional de Córdoba, Oct 2013, [gen>](#)
- AldenhovenKoelink de los Rios2015, *Matrix-valued little q-Jacobi polynomials*, J. Approx. Theory, Vol. 193, May 2015, 164–183 arXiv (5 Sep 2014), [aXv>](#)
- Alekseyev2015, *Weighted de Bruijn graphs for the Menage Problem and Its generalizations*, arXiv (27 Oct 2015), [aXv>](#)
- AlexanderZagier1991, *The entropy of a certain infinitely convolved Bernoulli measure*, J. London Math. Soc. Vol. s2-44, Issue 1 (Aug 1991), 121-134, [nat>](#)
- Alfred1963, *Exploring Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 57-63, [fibqy>](#)
- Al-JarrahDempseyGlasser2002, *Generalized series of Bessel functions*, J. Comp. Appl. Math. 143 (2002) 1–8, [nat>](#)
- AlkanSimsek2013, *Generating function for q-Eulerian polynomials and their decomposition and applications*, Fixed Point Theory and Applications 2013, 2013: 72, [gen>](#)
- Alladi1976, *On polynomials generated by triangular arrays*, Fibonacci Quart. 1976 (14,5): 461-465, [fibqy>](#)
- AlloucheMendès-France2013, *Lacunary formal power series and the Stern-Brocot sequence*, Acta Arith. Vol. 159, No. 1, (2013), 47-61, [aXv>](#)
- Aloui2015, *Hankel Determinant for a Sequence that Satisfies a Three-Term Recurrence Relation*, J. Integer Seq. Vol. 18 (2015), Article 15.1.5, [jis>](#)
- Al-Salam1989, *On some q-operators with applications*, Indag.Math. (N.S.) (Proceedings), Vol. 92, Issue 1, Mar

1989, 1–13, [gen>](#)

- AltinAktasErkus-Duman2009, *On a multivariable extension for the extended Jacobi polynomials*, J. Math. Anal. Appl. 353 (2009) 121–133, [jou>](#)
- Alvarez-Nodarse2006, *On characterizations of classical polynomials*, J. Comp. Appl. Math. 196 (2006) 320-337, [jou>](#)
- Alvarez-NodarseMarcellan1995a, *A generalization of the classical Laguerre polynomials*, Rend. Circ. Matem. Palermo, May 1995, Vol. 44, Issue 2, p 315-329, [nat>](#)
- Alvarez-NodarseMarcellan1995b, *Difference equation for modifications of Meixner polynomials*, J. Math. Anal. Appl. Vol. 194, Issue 1, Aug 1995, 250-258, [jou>](#)
- AmdeberhanChenMollSagan2014, *Generalized Fibonacci polynomials and Fibonomial coefficients*, Ann. Comb. (2014) Vol.18, Issue 4: 541-562, [gen>](#)
- Amghibech2007, *On sums involving binomial coefficients*, J. Integer Seq. Vol. 10 (2007), Article 07.2.1, [jis>](#)
- AndersonBenjaminRouse2005, *Combinatorial proofs of Fermat's, Lucas's, and Wilson's theorems*, Amer. Math. Monthly, Vol. 112, No. 3, 266-268, Mar 2005, [nat>](#)
- Ando1995, *On a system of sequences defined by a recurrence relation*, Fibonacci Quart. 1995 (33,3): 279-282, [fibqy>](#)
- AndradePethel1992, *On the rth-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>](#)
- 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 Filippioni*, Fibonacci Quart. 1994 (32,1): 11-13, [fibqy>](#)
- André-Jeannin1994b, *A generalization of Morgan-Voyce*

polynomials, Fibonacci Quart. 1994 (32,3): 228-231, [fibqy>](#)

- André-Jeannin1997, *Summation of reciprocals in certain second-order recurring sequences*, Fibonacci Quart. 1997 (35,1): 68-74, [fibqy>](#)
- Andrews1969, *Some formulae for the Fibonacci sequence with generalizations*, Fibonacci Quart. 1969 (7,2): 113-130, [fibqy>](#)
- Andrews1979, *Connection coefficient problems and partitions*, Proceedings of Symposium in Pure Math. Vol. 34, 1979, [gen>](#)
- Andrews1990, *Euler's "Exemplum Memorabile Induction Fallacis" and q-trinomial coefficients*, J. Amer. Math. Soc. Vol. 3, No. 3, Jul 1990, [jou>](#)
- AndrewsWimp2002, *Some q-orthogonal polynomials and related Hankel determinants*, Rocky Mountain J. Math. Vol. 32, No. 2, Summer 2002, [nat>](#)
- AndricaBuzeteano1985, *On the reduction of a linear recurrence of order r*, Fibonacci Quart. 1985 (23,1): 81-84, [fibqy>](#)
- Anshelevich2004a, *q- Lévy processes*, arXiv (21 Jan 2004), [aXv>](#)
- Anshelevich2004b, *Appell polynomials and their relatives*, Int. Math. Res. Not. IMRN Vol. 2004, Issue 65, 3469-3531 arXiv (22 Oct 2004), [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. Conditionaly free theory*, Illinois J. Math. Vol. 53, No. 1, Spring 2009, 39–66, [nat>](#)
- Anshelevich2011, *A characterization of ultraspherical polynomials*, arXiv (3 Aug 2011), [aXv>](#)
- Antoniadis1985, *Fibonacci and Lucas numbers of the form $3z^2 \pm 1$* , Fibonacci Quart. 1985 (23,4): 300-307, Fibonacci Quart. 1985 (23,4): 300-307, [fibqy>](#)
- AokiOhno2005, *Sum relations for multiple zeta values and*

connection formulas for the Gauss hypergeometric functions, Publ. RIMS, Kyoto Univ. 41 (2005), 329–337, [nat>](#)

- Araaya2003, *The symmetric Meixner-Pollaczek polynomials*, Thesis-Uppsala University (2003), [gen>](#)
- 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>](#)
- AraciAcikgozQi2013, *On the q -Genocchi numbers and polynomials 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>](#)
- AraciAcikgozSen2014b, *New generalization of Eulerian polynomials and their applications*, J. Ana. Num. Theor. 2, No. 2, 59-63 (2014), [jou>](#)
- AraciBagdasaryanAgyuzAcikgoz2013, *On the modified q -Genocchi numbers and polynomials and their applications*, arXiv (23 Nov 2013), [aXv>](#)
- AraciBagdasaryanOzelSrivastava2014, *New symmetric identities involving q -zeta type functions*, Appl. Math. Inf. Sci. **8**, No. 6, 2803-2808 (2014), [gen>](#)
- AraciKongAcikgozSen2014, *A new approach to multivariate q -Euler polynomials using the umbral calculus*, J. Integer Seq. Vol. 17 (2014), Article 14.1.2, [jis>](#)
- AraciSenAcikgoz2014, *Theorems on Genocchi polynomials of higher order arising from Genocchi basis*, Taiwanese J. Math. Vol. 18, No. 2, 473-482, 2014, [nat>](#)
- AraciSenAcikgoz2015, *A class of generating functions for a new generalization of Eulerian polynomials with their interpolation functions*, Proc. from the 28th Int. Conf. of the Jangjeon Mathematical Soc. (2015) , [gen>](#)
- ArdalGundersonJungicLandmanWilliamson2008-09, *Ramsey res*

- ults involving the Fibonacci numbers*, Fibonacci Quart. 2008-09 (46-47,1): 10-17, [fibqy>](#)
- ArifShaabanKrekorBaba2009, *Object classification via geometrical, Zernike and Legendre moments*, J. Theoretical Appl. Inform. Technology, 2009, Vol. 6 Issue 3, p.31, [jou>](#)
 - ArimaHorieTanabe1954, *Generalized Racah coefficient and its applications*, Progr. Theoret. Phys. Vol. 11, No.2, Feb 1954, [gen>](#)
 - Arkin1969, *Convergence of the coefficients in a recurring power series*, Fibonacci Quart. 1969 (7,1): 41-55, [fibqy>](#)
 - ArkinHoggatt, Jr.1970, *An extension of Fibonacci numbers – II*, Fibonacci Quart. 1970 (8,2): 199-216, [fibqy>](#)
 - ArkinHoggatt, Jr.1975, *The generalized Fibonacci number and its relation to Wilson's theorem*, Fibonacci Quart. 1975 (13,2): 107-109, [fibqy>](#)
 - ArmasSethuraman2008, *A Note on the Hankel Transform of the Central Binomial Coefficients*, J. Integer Seq. Vol. 11 (2008), Article 08.5.8, [jis>](#)
 - Arnold-Roksandick2014, *There and back again: Elliptic curves, modular forms and L-functions*, HMC Senior Theses. 61 (2014), [gen>](#)
 - Arreghi2001a, *Tangent and Bernoulli numbers related to Motzkin and Catalan numbers by means of numerical triangles*, arXiv (17 Sept 2001), [aXv>](#)
 - Arreghi2001b, *Bernoulli and Euler numbers, Motzkin paths and numerical triangles*, Pre-publicaciones del Seminario Matemático “García de Galdeano”, Nº. 34, 2001, [gen>](#)
 - AshrafiGibson2004, *An involutory Pascal matrix*, Linear Algebra Appl 387 (2004) 277-286, [gen>](#)
 - Askey1978, *Jacobi's generating function for Jacobi polynomials*, Proc. Amer. Math. Soc. Vol. 71, No. 2 (Sep. 1978), 243-246, [nat>](#)
 - Askey2005, *Duality for classical orthogonal polynomials*, J. Comp. Appl. Math. Vol. 178, Issues 1–2, 1 Jun 2005, 37-43, [jou>](#)

- AskeyKoornwinderRahman1986, *An integral of products of ultraspherical functions and q-extensions*, J. Lond. Math. Soc. (2) (1986) 33 (1): 133-148, [nat>](#)
- AskeyRahmanSuslov1996, *On a general q-Fourier transformation with nonsymmetric kernels*, J. Comp. Appl. Math. Vol. 68, Issues 1–2, Apr 1996, 25–55, [jou>](#)
- AskeySuslov1993, *The q-harmonic oscillator and the Al-Salam and Carlitz polynomials*, arXiv (9 jul 1993), [aXv>](#)
- AskeyWilson1984, *A recurrence relation generalizing those of Apéry*, J. Aust. Math. Soc. Vol. 36 / Issue 02 / Apr 1984, 267-278, [nat>](#)
- Asveld1987, *A family of Fibonacci like sequences*, Fibonacci Quart. 1987 (25,1): 81-83, [fibqy>](#)
- 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>](#)
- 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>](#)
- Atanassov1995, *Remark on a new direction for a generalization of the Fibonacci sequence*, Fibonacci Quart. 1995 (33,3): 249-250, [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>](#)
- AtanassovKnottOzekiShannonSzalay2003, *Inequalities among related pairs of Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 20-22, [fibqy>](#)
- AthilakshmWahi2014, *Improving object classification using Zernike moment, radial Chebyshev moment based on square transform features: A comparative study*, World Applied Sciences J. 32 (7): 1226-1234, 2014, [gen>](#)
- Atkinson1999, *Restricted permutations*, Discrete Math.

195 (1999) 27-38, [gen>](#)

- AustinBantilanEggeJonasKory2009, *The Pfaffian transform*, J. Integer Seq. Vol. 12 (2009), Article 09.1.5, [jis](#)
- 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>](#)

B

- BabsonSteingrimsson2000, *Generalized permutation patterns and a classification of the Mahonian statistics*, Sémin. Lothar. Combin. (2000) Vol. 44, page B44b, 18 p, [gen>](#)
- BabusciDattoliGorskaPenson2012, *Generating functions for Laguerre polynomials: new identities for Lacunary Series*, arXiv (13 Oct 2012), [aXv>](#)
- BacchelliFerrariPinzaniSprugnoli2010, *Mixed succession rules: The commutative case*, J. Combin. Theory Ser. A, Vol. 117, Issue 5, Jul 2010, 568–582, [jou>](#)
- BadshahTeethDar2012, *Generalized Fibonacci-like sequence and its properties*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 21-24, 1155-1164, [gen>](#)
- BagdasaryanAraci2013, *Some new identities on the Apostol-Bernoulli polynomials of higher order derived from Bernoulli basis*, arXiv (21 Nov 2013), [aXv>](#)
- BahsiMezoSolak2014, *A symmetric algorithm for hyper-Fibonacci and hyper-Lucas numbers*, Ann. Math. Inform. **43** (2014), 19-27, [gen>](#)
- Ballot2014, *On a congruence of Kimball and Webb involving Lucas sequences*, J. Integer Seq. Vol. 17

(2014), Article 14.1.3, [jis>](#)

- BalofMenashe2007, *Semiorders and Riordan Numbers*, J. Integer Seq. Vol. 10 (2007), Article 07.7.6, [jis>](#)
- BanderierBousquet-MélouDeniseFlajoletGardyGouyou-Beauchamps2004, *Generating functions for generating trees*, arXiv (11 Nov 2004), [aXv>](#)
- BanderierSchwer2005, *Why Delannoy numbers?*, J. Statist. Plann. Inference Vol. 135, Issue 1, Nov 2005, 40-54, [jou>](#)
- BarberoSalasVillasenior2013, *Bivariate generating functions for a class of linear recurrences. II. Applications*, arXiv (22 jul 2013), [aXv>](#)
- BarcucciPinzaniSprugnoli1991, *The Motzkin family*, PU.M.A. Pure Mathematics and Applications Ser. A, **2** (1991), No. 3-4: 249-279, [gen>](#)
- Barik2013, *Lucas sequence, its properties and generalization*, Master, National Institute Technology Rourkela-Odisha (2013), [gen>](#)
- BarnabeiBriniNicoletti1982, *Recursive matrices and umbral calculus*, J. Algebra Vol. 75, Issue 2, Apr 1982, 546-573, [jou>](#)
- Barnett-LambGeeGeraghty2011, *Congruences between Hilbert modular forms: constructing ordinary lifts, II*, Math. Res. Lett. 18 (2011), [gen>](#)
- Barry2005, *A Catalan transform and related transformations on integer sequences*, J. Integer Seq. Vol. 8 (2005), Article 05.4.4, [jis>](#)
- Barry2006, *On integer-sequence-based constructions of generalized Pascal triangles*, J. Integer Seq. Vol. 9 (2006), Article 06.2.4, [jis>](#)
- Barry2007a, *On a family of generalized Pascal triangles defined by exponential Riordan arrays*, J. Integer Seq. Vol. 10 (2007), Article 07.3.5, [jis>](#)
- Barry2007b, *Some observations on the Lah and Laguerre transforms of integer sequences*, J. Integer Seq. Vol. 10 (2007), Article 07.4.6, [jis>](#)
- Barry2008, *A note on Krawtchouk polynomials and Riordan*

arrays, J. Integer Seq. Vol. 11 (2008), Article 08.2.2, [jis>](#)

- Barry2009a, *A note on a one-parameter family of Catalan-like numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.5.4, [jis>](#)
- Barry2009b, *Continued fractions and transformations of integer sequences*, J. Integer Seq. Vol. 12 (2009), Article 09.7.6, [jis>](#)
- Barry2009c, *Symmetric third-order recurring sequences, Chebyshev polynomials, and Riordan arrays*, J. Integer Seq. Vol. 12 (2009), Article 09.8.6, [jis>](#)
- Barry2010a, *Generalized Catalan numbers, Hankel transforms and Somos-4 sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.7.2, [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>](#)
- Barry2011b, *On a generalization of the Narayana triangle*, J. Integer Seq. Vol. 14 (2011), Article 11.4.5, [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>](#)
- Barry2013a, *On the central coefficients of Riordan matrices*, J. Integer Seq. Vol. 16 (2013), Article 13.5.1, [jis>](#)
- 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>](#)
- Barry2013d, *On the connection coefficients of the Chebyshev-Boubaker polynomials*, The Scientific World J. Vol. 2013 (2013), Article ID 657806, [gen>](#)
 - 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>](#)
 - Barry2014b, *Constructing exponential Riordan arrays from their A and Z sequences*, J. Integer Seq. Vol. 17 (2014), Article 14.2.6, [jis>](#)
 - Barry2014c, *Embedding structures associated with Riordan arrays and moment matrices*, Int. J. Comb. Vol. 2014 (2014), Article ID 301394, 7 p, [gen>](#)
 - BarryHennessy2009, *Notes on a family of Riordan arrays and associated integer Hankel transforms*, J. Integer Seq. Vol. 12 (2009), Article 09.5.3, [jis>](#)
 - BarryHennessy2010a, *The Euler-Seidel matrix, Hankel matrices and moment sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.8.2, [jis>](#)
 - BarryHennessy2010b, *Meixner-type results for Riordan arrays and associated integer sequences*, J. Integer Seq. Vol. 13 (2010), Article 10.9.4, [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>](#)
 - BarryHennessy2012a, *Four-term recurrences, orthogonal polynomials and Riordan arrays*, J. Integer Seq., Vol. 15 (2012), Article 12.4.2, [jis>](#)

- BarryHennessy2012b, *Riordan arrays and the LDU decomposition of symmetric Toeplitz plus Hankel matrices*, Linear Algebra Appl. Vol. 437, Issue 6, Sep 2012, 1380-1393, [gen>](#)
- BarskyBézivin2014, *p-adic properties of Lengyel's numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.7.3, [jis>](#)
- Basor1978, *Asymptotic formulas for Toeplitz determinants*, Trans. Amer. Math. Soc. Vol. 239, May 1978, [nat>](#)
- BasorChenWidom2001, *Determinants of Hankel matrices*, J. Funct. Anal. 179, 214-234 (2001), [jou>](#)
- 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>](#)
- BasorEhrhardt2009, *Determinant computations for some classes of Toeplitz-Hankel matrices*, Oper. Matrices, 2009 (vol.3,2): 167-186, [gen>](#)
- BasorWidom1983, *Toeplitz and Wiener-Hopf determinants with piecewise continuous symbols*, J. Funct. Anal. Vol. 50, Issue 3, Feb 1983, 387-413, [jou>](#)
- BasorWidom2000, *On a Toeplitz determinant identity of Borodin and Okounkov*, arXiv (9 Apr 2000), [aXv>](#)
- Bassonardon, *Brownian motion*, Dept. of Applied Mathematics University Ca' Foscari Venice, [gen>](#)
- Bavinck, van Haeringen1994, *Difference equations for generalized Meixner polynomials*, J. Math. Anal. Appl. Vol. 184, Issue 3, Jun 1994, 453-463, [jou>](#)
- 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>](#)
- BayadHamahata2012, *Identities involving two kinds of q-Euler polynomials and numbers*, J. Integer Seq. Vol. 15 (2012), Article 12.4.6, [jis>](#)
- Bedratyuk2012, *A note about invariant polynomial transformations of integer sequences*, J. Integer Seq.

- Vol. 15 (2012), Article 12.7.3, [jis>](#)
- BelbachirBelkhir2014, Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers, J. Integer Seq. Vol. 17 (2014), Article 14.4.3, [aXv>](#)
 - BelbachirBelkhirBousbaa2014, Combinatorial approach of certain generalized Stirling numbers, arXiv (23 Nov 2014), [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>](#)
 - 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>](#)
 - BelbachirKomatsuSzalay2014, Linear recurrences associated to rays in Pascal's triangle and combinatorial identities, Math. Slovaca 64 (2014), No. 2, 287-300, [nat>](#)
 - 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>](#)
 - BelbachirRahmani2013, On Gessel-Kaneko's identity for Bernoulli numbers, Appl. Anal. Discrete Math. 7 (2013), 1-10, [gen>](#)
 - 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>](#)

- Belbahri2010, *Scale invariant operators and combinatorial expansions*, Adv. in Appl. Math. Vol. 45, Issue 4, Oct 2010, 548-563, [gen>](#)
- Bell1934, *Exponential numbers*, Amer. Math. Monthly, Vol. 41, No. 7, (Aug. – Sep., 1934) 411-419, [nat>](#)
- Bell1940, *Postulational bases for the umbral calculus*, Amer. J. Math. Vol. 62, No. 1/4 (1940), 717-724, [nat>](#)
- 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 CheikhLamiriOuni2011, *d-orthogonality of little q-Laguerre type polynomials*, J. Comp. Appl. Math Vol. 236, Issue 1, 1 Aug 2011, 74-84, [jou>](#)
- Ben CheikhOuni2008, *Some generalized hypergeometric d-orthogonal polynomial sets*, J. Math. Anal. Appl. Vol. 343, Issue 1, Jul 2008, 464-478, [jou>](#)
- Bencherif2010, *Sur une propriété des polynômes de Nörlund*, Actes des rencontres du C.I.R.M. Vol. 2 no 2 (2010), 71-77, [gen>](#)
- BenderBrodyMeister2005, *Bernoulli-like polynomials associated with Stirling numbers*, arXiv (5 Sep 2005), [aXv>](#)
- BenderDaalhuisGaoRichmondWormald2010, *Asymptotics of some convolutional recurrences*, Electron. J. Combin. **17** (2010), [gen>](#)
- Benjamin2010, *The Lucas triangle recounted*, Congr. Numer. Proc. 12-th Conf. on Fib. nbs. and their Appl. Vol. 200 (2010), 237-256, [gen>](#)
- BenjaminCameronQuinn2007, *Fibonacci determinants – a combinatorial approach*, Fibonacci Quart. 45(1): 39-55. Claremont Colleges – HMC Faculty Scholarship, [fibqy>](#)
- BenjaminCameronQuinnYerger2010, *Catalan determinants – A combinatorial approach*, Congr. Numer. Proc. 12-th Conf. on Fib. nbs. and their Appl. Vol. 200 (2010), 169-177,

[gen>](#)

- BenjaminDerksQuinn2011, *The combinatorialization of linear recurrences*, Electron. J. Combin. **18** (2) (2011), [gen>](#)
- 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>](#)
- BenjaminHeberle2014, *Counting on r-Fibonacci numbers*, Fibonacci Quart. 52 (2014), no. 2, 121-128, [fibqy>](#)
- BenjaminPlott2008-2009, *A combinatorial approach to fibonomial coefficients*, Fibonacci Quart. 2008-09 (46-47,1): 7-9, [fibqy>](#)
- BenjaminQuinn1999, *Recounting Fibonacci and Lucas identities*, College Math. J. Vol. 30, No. 5 (Nov., 1999), 359-366, [gen>](#)
- BenjaminQuinn2005-2006, *Revisiting Fibonacci and related sequences*, Math. Teacher, Vol. 99, No. 5 (2005-2006), [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>](#)
- BenjaminShattuck2007, *Recounting determinants for a class of Hessenberg matrices*, Integers 7 (2007), [gen>](#)
- BenjaminSuQuinn2000, *Counting on continued fractions*, Mathematics Magazine, Vol. 73, No. 2, 98-104, Apr 2000, [gen>](#)
- 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>](#)
- 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>](#)
 - 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>](#)
 - BerezanskyIvasiukMokhonko2008, *Recursion relation for orthogonal polynomials on the complex plane*, Methods Funct. Anal. Topology Vol. 14 (2008), no. 2, 108-116, [gen>](#)
 - Berg2011, *Fibonacci numbers and orthogonal polynomials*, Arab J. Math. Sci. Vol. 17, Issue 2, Jul 2011, 75-88, [nat>](#)
 - BergströmFaber van der Geer2013, *Siegel modular forms of degree three and the cohomology of local systems*, arXiv (21 Jan 2013), [aXv>](#)
 - BergumHoggatt, Jr.1975, *Sums and products for recurring sequences*, Fibonacci Quart. 1976 (14,2): 115-120, [fibqy>](#)
 - BergumHoggatt, Jr.1976, *Numerator polynomial coefficient array for the convolved Fibonacci sequence*, Fibonacci Quart. 1976 (14,1): 43-47, [fibqy>](#)
 - BergumHoggatt, Jr.1978, *A combinatorial problem involving recursive sequences and tridiagonal matrices*, Fibonacci Quart. 1978 (16,2): 113-117, [fibqy>](#)
 - BergumWagnerHoggatt, Jr.1975, *Chebyshev polynomials and related sequences*, Fibonacci Quart. 1975 (13,1): 19-24, [fibqy>](#)
 - 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>](#)
- Bernhart1999, *Catalan, Motzkin, and Riordan numbers*, Discrete Math. Vol. 204, Issues 1–3, 6 Jun 1999, 73-112, [gen>](#)
- BerniniBouvelFerreri2006 (1), *Some statistics on permutations avoiding generalized patterns*, GASCom 2006, Sep 2006, Dijon, France, [gen>](#)
- BerniniBouvelFerreri2006 (2), *Some statistics on permutations avoiding generalized patterns*, arXiv (29 Nov 2006), [aXv>](#)
- 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>](#)
- BernsteinSloane1995, *Some canonical sequences of integers*, Linear Algebra Appl 226-228: 57-72 (1995), [gen>](#)
- BertolaGekhtmanSzmigielski2010, *Cauchy biorthogonal polynomials*, J. Approx. Theory Vol. 162, Issue 4, Apr 2010, 832-867, [jou>](#)
- Bertrand J.Bertrand P.Ovarle.2000, *The Mellin transform*, Ch. 11, A. D. Pouliakis, Editor-in-Chief, Transforms and Applications Handbook (Third Edition 2000), [gen>](#)
- Beukers2009, *Gauss hypergeometric function*, Vol. 260 of Progress in Mathematics, 23-42, [gen>](#)
- BevilacquaBonanniBozzo1995, *On algebras of Toeplitz plus Hankel matrices*, Linear Algebra Appl. 223/224: 99-118 (1995), [gen>](#)
- BhargavaAdigaSomashekara1993, *Three-square theorem as an application of Andrew's identity*, Fibonacci Quart. 1993 (31,2): 129-132, [fibqy>](#)
- 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>](#)

- BibakHaghichi2009, *Some trigonometric identities involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.8.4, [jis>](#)
- Bickel2003, *The group of generalized Stirling numbers*, Adv. in Appl. Math. Vol. 26, Issue 1, Jan. 2001, 1-22, [gen>](#)
- Bicknell-Johnson1981, *Diagonal sums in the harmonic triangle*, Fibonacci Quart. 1981 (19,3): 196-199, [fibqy>](#)
- Bicknell-Johnson1985, *Generalized Wythoff numbers from simultaneous Fibonacci representations*, Fibonacci Quart. 1985 (23,4): 308-318, [fibqy>](#)
- Bicknell-Johnson2003, *Stern's diatomic array applied to Fibonacci representations*, Fibonacci Quart. 2003 (41,2): 169-179, [fibqy>](#)
- 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>](#)
- Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences*, Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, [gen>](#)
- BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)
- BirregahDohAdjallah2010, *A systematic approach to matrix forms of the Pascal triangle: The twelve triangular matrix forms and relations*, European J. Combin. Vol. 31, Issue 5, Jul 2010, 1205-1216, [gen>](#)
- BlasiakDattoliHorzelaPensonZhukovsky2008, *Motzkin numbers, central trinomial coefficients and hybrid polynomials*, J. Integer Seq. Vol. 11 (2008), Article 08.1.1, [jis>](#)

- Bloch1978, *Algebraic K-theory and zeta functions of elliptic curves*, Proc. Int. Congress of Mathematicians Helsinki, 1978, [gen>](#)
- Bloemendal2012, *Jacobi matrices*, xxxx, [xxxx>](#)
- BogartDoyle1985, *Non-sexist solution of the menage problem*, The American Mathematical Monthly, Vol. 93, No. 7 (Aug. – Sep., 1986), 514-518, [nat>](#)
- BogoyaBottcherGrudsky2012, *Eigenvalues of Hermitian Toeplitz matrices with polynomially increasing entries*, J. Spectr. Theory 2 (2012), 267-292, [jou>](#)
- BojanczykHeinig1994, *Transformation tecnicas for Toeplitz and Toeplitz-plus-Hankel matrices Part II. Algorithms*, J. Complexity **10** 142-164 (1994), [jou>](#)
- 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, [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>](#)
- BolatIpeKöse2012, *On the sequence related to Lucas numbers and its properties*, Math. Æterna Vol. 2, 2012, no. 1, 63-75, [gen>](#)
- BolatKöse2010, *On the properties of k-Fibonacci numbers*, Int. J. Contemp. Math. Sci. Vol. 5, 2010, No. 22, 1097-1105, [gen>](#)
- Bollinger1984, *Fibonacci k-sequences, Pascal-T triangles, and k-in-a-row problems*, Fibonacci Quarterly 1984 (22,2): 146-151, [fibqy>](#)
- Booker2008, *Uncovering a New L-function*, Notices Amer.Math. Soc. Volume 55, Number 9 (2008), 1088-1094, [nat>](#)
- BoothNguyen2008-09, *Bernoulli polynomials and Pascal's square*, Fibonacci Quart. 2008-09 (46-47,1): 38-47, [fibqy>](#)

- Borges2010, *O Problema de Lucas-Ménage Probleme*, Universidade Federal do Piau 28 de setembro de 2010, [gen>](#)
- BorweinBradleyBroadhurstLisoner1998, *Combinatorial aspects of multiple zeta values*, Electron. J. Combin. 5 (1998), [gen>](#)
- BorweinCalkinManna2009, *Euler-Boole summation revisited*, Amer. Math. Monthly, Vol. 116, No. 5 (May, 2009), 387-412, [nat>](#)
- BostanSalvySchost2008, *Power series composition and change of basis*, arXiv (15 Apr 2008), [aXv>](#)
- BottcherGrudsky1999, *Toeplitz band matrices with exponentially growing condition numbers*, The Electronic J. of Linear Algebra Vol. 5, 104-125, Dec 1999, [nat>](#)
- BottcherGrudskyArellano2004, *Approximating inverses of Toeplitz matrices by circulant matrices*, Methods Appl. Anal. Vol. 11, No. 2, p. 211-220, Jun 2004, [gen>](#)
- BottcherKarlovichSilberman2007, *Generalized Krein algebras and asymptotics of Toeplitz determinants*, Methods Funct. Anal. Topology Vol. 13 (2007), no. 3, 236-261, [gen>](#)
- Bouaziz1993, *Testing Gaussian sequences and asymptotic inversion of Toeplitz operators*, Probab. Math. Statist. Vol. 14, Fasc. 2 (1993), p 207-222, [gen>](#)
- Bouganis2014, *On Special L-Values attached to Siegel Modular Forms*, Iwasawa theory 2012 : state of the art and recent advance, pp. 135-176. Contrib. in mathematical and computational sci. (7), [gen>](#)
- 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>](#)
- Bouvel2009, *Quelques problèmes combinatoires et algorithmiques sur les classes de permutations*, Thesis-Université Paris Diderot-Paris VII 2009, [gen>](#)
- BoyadjievScherer2001, *On the Chebyshev polynomials*, Kuwait J. Sci. Eng. **28**(2) 2001, [nat>](#)
- 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>](#)
- BozejkoDemni2010, *Topics on Meixner families*, Banach Center Publications, 2010 Vol. 89, 61-74, [nat>](#)
- Brafman1951, *Generating functions of Jacobi and related polynomials*, Proc. Amer. Math. Soc. (1951) xxxx, [nat>](#)
- BrandenClaessonSteingrimsson2002, *Catalan continued fractions and increasing subsequences in permutations*, Discrete Math. 258 (2002), 275-287, [gen>](#)
- Branson1996, *An extension of Stirling numbers*, Fibonacci Quart. 1996 (34,3): 213-223, [fibqy>](#)
- BrawerPirovino1992, *The Linear Algebra of the Pascal matrix*, Linear Algebra Appl. Vol. 174, Sep 1992, 13-23, [gen>](#)
- BrettiniNataliniRicci2004, *Generalizations of the Bernoulli and Appell polynomials*, Abstr. Appl. Anal. 2004: 7 (2004) 613-623, [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>](#)
- 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>](#)
- BriggsRemmel2009, *A p, q -analogue of the generalized derangement numbers*, Ann. Comb. 13 (2009) 1-25, [gen>](#)
- Brizard2007, *A primer on elliptic functions with applications in classical mechanics*, arXiv (26 Nov 2007), [aXv>](#)
- Brizard2015, *Notes on the Weierstrass elliptic function*, arXiv (27 Oct 2015), [aXv>](#)
- Brousseau1969a, *Linear recursion relations Lesson Three – The Binet formulas*, Fibonacci Quart. 1969 (7,1):

99-104, [fibqy>](#)

- 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>](#)
- Brousseau1975, *Symmetric sequences*, Fibonacci Quart. 1975 (13,1): 33-41, [fibqy>](#)
- Brousseau1976, *Recursion relations of products of linear recursion sequences*, Fibonacci Quart. 1976 (14,2): 159-166, [fibqy>](#)
- BrownawellKubota1977, *The algebraic independence of Weierstrass functions and some related numbers*, Acta Arith. LXXXII.2 (1997), [gen>](#)
- BrownRoman1981, *Inverse relations for certain Sheffer sequences*, Siam J. Math. Anal. Vol.12, No. 2, Mar 1981, [gen>](#)
- BrualdiKirkland2005, *Aztec diamonds and digraphs, and Hankel determinants of Schröder numbers*, J. Combin. Theory Ser. B, 94 (2005), 334-351, [jou>](#)
- Bruckner1970, *Fibonacci sequence modulo a prime $p \equiv 3 \pmod{4}$* , Fibonacci Quart. 1970 (8,2): 217-220, [fibqy>](#)
- Bruiner van der GeerHarderZagier2009, *The 1-2-3 of modular forms*, Bulletin (New Series) of the AMS (2008), [nat>](#)
- BruningKimRoush1980, *On a conjecture of Phadke and Thakare*, Linear Algebra Appl 32: 113-114 (1980), [gen>](#)
- Bryc2014, *On integration with respect to the q -Brownian motion*, Statist. Probab. Lett. 94 (2014) 257-266, [gen>](#)
- BrycWesolowski2004, *Conditional moments of q -Meixner processes*, arXiv (13 Dec 2004), [aXv>](#)
- 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>](#)

- BultheelCuyt Van AsscheVan BarelVerdonk2005, *Generalizations of orthogonal polynomials*, J. Comp. Appl. Math. Vol. 179, Issues 1–2, 1 Jul 2005, 57-95, [jou>](#)
- BultheelVeraHendriksenNjåstad2000, *Orthogonal rational functions and continued fractions*, Special Functions 2000: Current Perspective and Future Directions, Vol. 30 NATO Science Series, 87-109, [gen>](#)
- Bunder1978, *More Fibonacci functions*, Fibonacci Quart. 1978 (16,2): 97-98, [fibqy>](#)
- Burstein2015, *On the distribution of some Euler-Mahonian statistics*, J. Comb. Vol. 6, Number 3, 273–284, 2015, [jou>](#)
- Buschman1963, *Fibonacci numbers, Chebyshev polynomials, generalizations and difference equations*, Fibonacci Quart. 1963 (1,4): 1-7, [fibqy>](#)
- Buschman1965, *A generating function for Fibonacci numbers*, Fibonacci Quart. 1965 (3,3): 199-200, [fibqy>](#)
- ButzerJansche2000, Mellin-Fourier series and the classical Mellin transform, Comput. Math. Appl. 40 (2000) 49-62, [gen>](#)
- BruinerIchinoIkedaImamoglu2014, *Modular forms*, Mathematisches Forschungsinstitut Oberwolfach, Report No. 22/2014 (27 Apr–3 May 2014), [gen>](#)
- 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>](#)
- Byrd1975b, *Relations between Euler and Lucas numbers*, Fibonacci Quart. 1975 (13,2): 111-114, [fibqy>](#)
- ByrnesJiuMollVignat2013, *Recursion rules for the hypergeometric zeta function*, arXiv (8 May 2013), [aXv>](#)

C

- CaglieroKoornwinder2014, *Explicit matrix inverses for lower triangular matrices with entries involving Jacobi polynomials*, arXiv (15 Apr 2014), [aXv>](#)
- CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,1): 13-19, [fibqy>](#)
- CakicEl-DesoukyMilovanovic2013, *Explicit formulas and combinatorial identities for generalized Stirling numbers*, *Mediterr. J. Math.* Feb 2013, Vol. 10, Issue 1, 57-72, [nat>](#)
- CakicMilovanovic2004, *On generalized Stirling numbers and polynomials*, *Math. Balkanica (N.S.)* Vol. 18, 2004, Fasc. 3-4, [nat>](#)
- Callan2005, *A combinatorial interpretation for a super-Catalan recurrence*, *J. Integer Seq.* Vol. 8 (2005), Article 05.1.8, [jis>](#)
- Callan2007, *On generating functions involving the square root of a quadratic polynomial*, *J. Integer Seq.* Vol. 10 (2007), Article 07.5.2, [jis>](#)
- CallVelleman1993, *Pascal's Matrices*, *The Amer. Math. Month.* Vol. 100, No. 4 (Apr., 1993), p 372 376, [nat>](#)
- 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>](#)
- CameronNkwanta2005, *On some (pseudo) involutions in the Riordan group*, *J. Integer Seq.* Vol. 8 (2005), Article 05.3.7 , [jis>](#)
- CameronYip2011, *Hankel determinants of sums of consecutive Motzkin numbers*, *Linear Algebra Appl.* Vol. 434, Issue 3, 1 Feb 2011, 712-722, [gen>](#)
- CamposCatarinoAiresVascoBorges2014, *On some identities of k-Jacobsthal-Lucas numbers*, *Int. J. Math. Analysis*, Vol. 8, 2014, no. 10, 489-494, [gen>](#)

- Campos-OrozcoGalé2013, *Continuous Sheffer families I*, J. Math. Anal. Appl. Vol. 405, Issue 1, 1 Sep 2013, 286-296, [jou>](#)
- Campos-OrozcoGalé2014, *Continuous Sheffer families II*, J. Math. Anal. Appl. Vol. 412, Issue 1, 1 Apr 2014, 381-390, [jou>](#)
- 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>](#)
- CangulKurtSimsekPakRim2007, *An invariant p -adic q -integral associated with q -Euler numbers and polynomials*, J. Nonlinear Math. Phys. Volume 14, Number 1 (2007), 8-14, [jou>](#)
- CanteroIserles2013, *On expansions in orthogonal polynomials*, Adv. Comput. Math. 2013, Volume 38, Issue 1, 35-61, [gen>](#)
- Cao2010, *Notes on Carlitz's q -operators*, Taiwanese J. Math. Vol. 14, No. 6, 2229-2244, Dec 2010, [nat>](#)
- 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>](#)
- Cardenas-MoralesGarrancoRasa2011, *Bernstein-type operators which preserve polynomials*, Comput. Math. Appl. 62 (2011) 158-163, [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>](#)
- CarlipSomer2003, *The existence of special multipliers of*

- second-order recurrence sequences*, Fibonacci Quart. 2003 (41,2): 156-168, [fibqy>](#)
- Carlitz1941, *An analogue of the Bernoulli polynomials*, Duke Math. J. Vol. 8, No. 2 (1941), 405-412, [gen>](#)
 - Carlitz1954, *q-Bernoulli and Eulerian numbers*, Trans. Amer. Math. Soc. Vol. 76, No. 2 (Mar 1954), [nat>](#)
 - Carlitz1959a, *Some arithmetic properties of generalized Bernoulli numbers*, Journal für die reine und angewandte Mathematik (1959) Vol. 202, 68-69, [jou>](#)
 - Carlitz1959b, *Eulerian numbers and polynomials*, Math. Magazine Vol. 32, No. 5 (May – Jun 1959), 247-260, [gen>](#)
 - Carlitz1960a, *Note on Nörlund's polynomial $B^*(z)_n$* , Proc. Amer. Math. Soc. Vol. 11, No. 3 (Apr 1960), 452-455, [nat>](#)
 - 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>](#)
 - Carlitz1963b, *Products of Appell polynomials*, Collect. Math. (1963) Vol. 15, Issue: 3, 245-258, [gen>](#)
 - Carlitz1964, *The coefficients of the reciprocal of a Bessel function*, Proc. Amer. Math. Soc. Vol. 15, No. 2 (Apr 1964), 318-320, [nat>](#)
 - Carlitz1967, *Some properties of the Nörlund polynomial $B_n(x)$* , Mathematische Nachrichten Volume Vol. 33, Issue 5-6, 297–311, 1967, [gen>](#)
 - Carlitz1968a, *Bernoulli numbers*, Fibonacci Quart. 1968 (6,3): 71-84, [fibqy>](#)
 - Carlitz1968b, *Fibonacci representations*, Fibonacci Quart. 1968 (6,4): 193-220, [fibqy>](#)
 - 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, [fibqy>](#)
 - Carlitz1970, *Fibonacci representations – II*, Fibonacci

- Quart. 1970 (8,2): 113-134, [fibqy>](#)
- Carlitz1973, *Eulerian numbers and operators*, Lecture Notes in Math. 1971, 65-70 -The Theory of Arith. Funct., [gen>](#)
 - Carlitz1974a, *Fibonacci notes – 3: q-Fibonacci numbers*, Fibonacci Quart. 1974 (12,4): 317-322, [fibqy>](#)
 - Carlitz1974b, *A q-identity*, Fibonacci Quart. 1974 (12,4): 369-372, [fibqy>](#)
 - Carlitz1975a, *Fibonacci notes-4: q-Fibonacci polynomials*, Fibonacci Quart. 1975 (13,2): 97-102, [fibqy>](#)
 - Carlitz1975b, *Note on some generating functions*, Fibonacci Quart. 1975 (13,2): 129-133, [fibqy>](#)
 - 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>](#)
 - Carlitz1978a, *Generalized Stirling and related numbers*, Rivista di Matematica della Università di Parma. Serie IV 01/1978; 4, [nat>](#)
 - Carlitz1978b, *Some classes of Fibonacci sums*, Fibonacci Quart. 1978 (16,5): 411-425, [fibqy>](#)
 - Carlitz1980a, *Explicit formulas fot the Dumont-Foata polynomial*, Discrete Math. Vol. 30, Issue 3, 1980, 211-225, [gen>](#)
 - Carlitz1980b, *A characterization of the Bernoulli and Euler polynomials*, Rend. Semin. Mat. Univ. Padova, tome 62 (1980), 309-318, [nat>](#)
 - Carlitz1980c, *Weighted Stirling numbers of the first and second kind-I*, Fibonacci Quart. 1980 (18,2,): 147-162, [fibqy>](#)
 - Carlitz1980d, *Weighted Stirling numbers of the firsr and second king-II*, Fibonacci Quart. 1980 (18,3): 242-257, [fibqy>](#)
 - Carlitz1981, *Some generalizations of a binomial identity conjectured by Hoggatt*, Fibonacci Quart. 1981 (19,3): 200-207, [fibqy>](#)

- 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>](#)
- CarlitzScovilleVaughan1973, *Some arithmetic functions related to Fibonacci numbers*, Fibonacci Quart. 1973 (11,4): 337-386, [fibqy>](#)
- Castellanos1991, *A note on Bernoulli polynomials*, Fibonacci Quart. 1991 (29,2): 98-102, [fibqy>](#)
- CatarinoVascoCamposAiresBorges2015, *New families of Jacobsthal and Jacobsthal-Lucas numbers*, Algebra Discrete Math. Vol. 20 (2015). Nb 1, 40-54, [gen>](#)
- Catlin1974, *On the multiplication of recurrences*, Fibonacci Quart. 1974 (12,4): 365-367, [fibqy>](#)
- CayamaGonzalez-Parra2013, *Application of polynomial chaos to random partial differential equations*, Revista Ciencia e Ingeniería Vol. 34, No. 2, 2013, 101-110, [nat>](#)
- CenkciHoward2007, *Notes on degenerate numbers*, Discrete Math. Vol. 307, Issues 19–20, 28 Sep 2007, 2359-2375, [gen>](#)
- CenkciKurt2008, *Congruences for generalized q -Bernoulli polynomials*, J. Inequal. Appl. Vol. 2008, Article ID 270713, 19 p, [jou>](#)
- Cerdá-Morales2012, *Matrix representation of the q -Jacobsthal numbers*, Proyecciones Vol. 31, No 4, Dec 2012, 345-354, [gen>](#)
- Cerdá-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>](#)
- Cerin2007, *Sums of squares and products of Jacobsthal numbers*, J. Integer Seq., Vol. 10 (2007), Article 07.2.5, [jis>](#)
- Cerin2009, *Sums of products of generalized Fibonacci and*

Lucas numbers, Demonstratio Math. Vol. XLII No 2 2009, [gen>](#)

- Cesarano2014, *A note on generalized Hermite polynomials*, Int. J. Appl. Math. Informatics Vol. 8, 2014, [gen>](#)
- ChaggarKoepf2011, *On linearization and connection coefficients for generalized Hermite polynomials*, J. Comp. Appl. Math. Vol. 236, Issue 1, Aug 2011, 65-73, [jou>](#)
- ChamberlandFrench2007, *Generalized Catalan numbers and generalized Hankel transformations*, J. Integer Seq. Vol. 10 (2007), Article 07.1.1, [jis>](#)
- ChammarMarcellanSfaxi2012, *Orthogonal polynomials, Catalan numbers, and a general Hankel determinant evaluation*, Linear Algebra Appl Vol. 436, Issue 7, Apr 2012, 2105-2116, [gen>](#)
- 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>](#)
- Chadel1977, *Generalized Stirling numbers and polynomials*, Publications de l'Institut Mathématique (1977) Vol. 22(36), Issue: 42, 43-48, [nat>](#)
- ChandraSamantaBera2013, *On bilateral generating functions of extended Jacobi polynomials*, Int. J. Contemp. Math. Sci. Vol. 8, 2013, no. 20, 1001-1005, [gen>](#)
- Chandrasekharan1985, *The zetafunction and the sigma-function of Weierstrass*, Grundlehren der mathematischen Wissenschaften Vol. 281 *Elliptic Functions* (1985), p 48-57, [gen>](#)
- Chang1984, *A note on Apéry numbers*, Fibonacci Quart. 1984 (22,2): 178-180, [fibqy>](#)
- ChangHa2002, *Eulerian polynomials and related explicit formulas*, Fibonacci Quart. 2002 (40,5): 399-404, [fibqy>](#)
- ChanManna2010, *Congruences for Stirling numbers of the second kind*, Contemporary Math.-Gems in Experimental Math. Vol. 517, 97-11, [gen>](#)

- ChanManna2013, *On a q -analogue for Bernoulli numbers*, The Ramanujan J. Vol. 30, Issue 1, Jan. 2013, 125-152, [gen>](#)
- ChaouiMoulineRachidi2002, *Application of Markov chains properties to ∞ -generalized Fibonacci sequences*, Fibonacci Quart. 2002 (40,5): 453-459, [fibqy>](#)
- Chapman2008, *Lagrange inversion and Stirling number convolutions*, Integers 8 (2008), [gen>](#)
- Chapoton2011, *q -analogues of Bernoulli numbers and zeta operators at negative integers*, CNRS et Université Claude Bernard Lyon 1, [nat>](#)
- Chapoton2013, *q -analogues of Ehrhart polynomials*, arXiv (23 Fev 2013), [aXv>](#)
- Charalambides1981, *Central factorial numbers and related expansions*, Fibonacci Quart. 1981 (19,5): 451-455, [fibqy>](#)
- Chatterjea1962, *On a generating function of Laguerre polynomials*, Boll. Unione Mat. Ital. Serie 3, Vol. 17 (1962), n.2, 179-182, [nat>](#)
- Chatterjea1963a, *Operation formulae for certain classical polynomials (I)*, Q. J. Math. vol. 14, no. 1, p 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, [nat>](#)
- 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>](#)

- Chatterjea1969, *Bilateral generating function for the ultraspherical polynomials*, Pacific J. Math. Vol. 29, No. 1 (1969), 73-76, [nat>](#)
- ChatterjeaAli1991, *Some formulas of L. Carlitz on Hermite polynomials*, Int. J. Math. Math. Sci. Vol. 14 (1991), Issue 4, 737-740, [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>](#)
- Chen2001, *Algorithms for Bernoulli numbers and Euler numbers*, J. Integer Seq. Vol. 4 (2001), Article 01.1.6, [jis>](#)
- Chen2003, *Sums of products of generalized Bernoulli polynomials*, Pacific J. Math. Vol. 208, No. 1, 2003, [nat>](#)
- 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>](#)
- Chen2007, *Inversion of generating functions using determinants*, J. Integer Seq. Vol. 10 (2007), Article 07.10.5, [jis>](#)
- ChenCaiLuo2013, *An extension of generalized Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 61, [gen>](#)
- ChenChu2009, *Moments on Catalan numbers*, J. Math. Anal. Appl. Vol. 349, Issue 2, 15 Jan 2009, 311-316, [jou>](#)
- 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>](#)
- ChenGriffinIsmail2007, *Generalizations of Chebyshev polynomials and polynomial mappings*, Trans. Amer. Math. Soc. Vol. 359, No. 10, Oct 2007, 4787–4828, [nat>](#)

- ChenGu2008, *The Cauchy operator for basic hypergeometric series*, Adv. in Appl. Math. Vol. 41, Issue 2, Aug 2008, 177-196, [gen>](#)
- ChenIsmailMuttalib1994, *Asymptotics of basic Bessel functions and q -Laguerre polynomials*, J. Comput. Appl. Math. Vol. 54, Issue 3, Oct 1994, 263-272, [jou>](#)
- ChenLiSam2010, *Generalized Ehrhart polynomials*, Trans. Amer. Math. Soc. **364** (2012), 551-569, [nat>](#)
- ChenMansourZou2012, *Embedding distributions and Chebyshev polynomials*, Graphs and Combinatorics Vol. 28, Issue 5 , 597-614, [gen>](#)
- ChenSaadSun2009, *An operator approach to the Al-Salam-Carlitz polynomials*, arXiv (9 Oct 2009), [arXiv>](#)
- 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>](#)
- ChenSrivastava1993, *A note on certain generating functions for the generalized Bessel polynomials*, J. Math. Anal. Appl **180**, 151-159 (1993), [jou>](#)
- 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>](#)
- Cheon G-S.2003, *A note on the Bernoulli and Euler polynomials*, Appl. Math. Letters Vol. 16, Issue 3, Apr 2003, 365-368, [gen>](#)
- 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>](#)
- Cheon G-S.HwangRimSong2003, *Matrices determined by a linear recurrence relation among entries*, Linear Algebra Appl Vol. 373, Nov 2003, 89-99, [gen>](#)
- Cheon G-S.Jin2011, *Structural properties of Riordan matrices and extending the matrices*, Linear Algebra Appl

Vol. 435, Issue 8, Oct 2011, 2019-2032, [gen>](#)

- Cheon G-S.JinKimShapiro2009, *Riordan group involutions and the Δ -sequence*, Discrete Appl. Math. 157 (2009) 1696-1701, [gen>](#)
- Cheon G-S.Kim2001, *Stirling matrix via Pascal matrix*, Linear Algebra Appl. Vol. 329, Issues 1–3, May 2001, 49-59, [gen>](#)
- Cheon G-S.Kim2002, *Factorial Stirling matrix and related combinatorial sequences*, Linear Algebra Appl. Vol. 357, Issues 1–3, Dec 2002, 247-258, [gen>](#)
- Cheon G-S.Kim2008, *Simple proofs of open problems about the structure of involutions in the Riordan group*, Linear Algebra Appl. Vol. 428, Issue 4, Feb 2008, 930-940, [gen>](#)
- Cheon G-S.KimShapiro2008, *Riordan group involutions*, Linear Algebra Appl. Vol. 428, Issue 4, Feb 2008, 941-952, [gen>](#)
- Cheon G-S.KimShapiro2009, *A generalization of Lucas polynomial sequence*, Discrete Appl. Math. Vol. 157, Issue 5, Mar 2009, 920-927, [gen>](#)
- Cheon G-S.KimShapiro2012, *Combinatorics of Riordan arrays with identical A and Z sequences*, Discrete Math. Vol. 312, Issues 12–13, Jul 2012, 2040-2049, [gen>](#)
- Cheon G-S.YungLim2013, *A q -analogue of the Riordan group*, Linear Algebra Appl Vol. 439, Issue 12, Dec 2013, 4119-4129, [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>](#)
- ChoiKimKim2012, *A note on some identities of Frobenius-Euler numbers and polynomials*, Int. J. Math. and Mathematical Sciences, Vol. 2012 (2012), Article ID 861797, 9p, [gen>](#)
- Chongdar1992, *On certain bilateral generating functions*, Rend. Istit. Mat. Univ. Trieste vol. XXIV (I-II) 1992, 73-79, [nat>](#)
- ChongdarMajumdar1996, *Some novel generating functions of*

- extended Jacobi polynomials by group theoretic method*, Czechoslovak Math. J. Vol. 46 (1996), No. 1, 29-33, [nat>](#)
- Chrysaphinou1985, *On Touchard polynomials*, Discrete Math. Vol. 54, Issue 2, Apr 1985, 143-152, [gen>](#)
 - Chu W.De Donno2004, *Hypergeometric series and harmonic numbers identities*, arXiv (27 May 2004), [aXv>](#)
 - 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>](#)
 - Chu1997, *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>](#)
 - Chu2012a, *Reciprocal formulae for convolutions of Bernoulli and Euler polynomials*, Rend. Mat. Appl. (7), Serie VII Vol. 32, Roma (2012), 17-74, [nat>](#)
 - Chu2012b, *Summation formulae involving harmonic numbers*, Filomat 2012 Vol. 26, Issue 1, 143-152, [gen>](#)
 - ChuHsu1993, *On some classes of inverse series relations and their applications*, Discrete Math. Vol. 123, Issues 1–3, Dec 1993, 3-15, [gen>](#)
 - ChuiWardSmith1982, *Cholesky factorization of positive definite bi-infinite matrices*, Numer. Funct. Anal. Optim. Vol. 5, Issue 1, 1982, 1-20, [gen>](#)
 - ChuMagli2007, *Summation formulae on reciprocal sequences*, European J. Combin. Vol. 28, Issue 3, Apr 2007, 921-930, [gen>](#)
 - ChungGrahamKnuth2010, *A symmetrical Eulerian identity*,

- J. Comb. Vol. 17, No. 1, 29-38, 2010, [jou](#)
- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers*, Fibonacci Quart. 1974 (12,4): 336-338, [fibqy](#)
 - 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](#)
 - ChuWang2009, *Arithmetic identities Involving Bernoulli and Euler numbers*, [Results in Mathematics Sep 2009, Vol. 55, Issue 1, 65-77](#), [gen](#)
 - ChuWei2008, *Legendre inversions and balanced hypergeometric series identities*, Discrete Math. Vol. 308, Issue 4, 28 Feb 2008, 541-549, [gen](#)
 - ChuZhou2010, *Convolutions of Bernoulli and Euler polynomials*, Sarajevo J. Math. Vol.6 (18) (2010), 147-163, [nat](#)
 - CiccoliKoelinkKoornwinder1998, *q -Laguerre polynomials and big q -Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [aXv](#)
 - Cigler1978, *Some remarks on Rota's umbral calculus*, Mathematics- Indagationes Mathematicae (Proceedings) Vol. 81, Issue 1, 1978, 27-42, [gen](#)
 - Cigler2003, *q -Fibonacci polynomials*, Fibonacci Quart. 2003 (41,1): 31-40, [fibqy](#)
 - Cigler2013, *Some remarks about q -Chebyshev polynomials and q -Catalan numbers and related results*, arXiv (? 2013), [aXv](#)
 - CivcivTurkmen2007, *Notes on norms of circulant matrices with Lucas number*, Int. J. Information Systems Sc. Vol. 4, No. 1, 142-147, [gen](#)
 - Claesson2001, *Generalized pattern avoidance*, European J. Combin. (2001) 22, 961-971, [gen](#)
 - ClarkeHanZen1997, *A combinatorial interpretation of the Seidel generation of q -derangement numbers*, Annals Comb. 1997, Vol. 1, Issue 1, 313-327, [gen](#)
 - CobeliZaharescu2013, *Promenade around Pascal Triangle – Number motives*, Bull. Math. Soc. Sci. Math. Roumanie (N.S.) Tome 56 (104) No. 1, 2013, 73-98, [nat](#)

- Coffey2006, *Special functions and the Mellin transforms of Laguerre and Hermite functions*, arXiv (28 Dec 20006), [aXv>](#)
- 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>](#)
- Cohl2013, *On a generalization of the generating function for the Gegenbauer polynomials*, Integral Transforms Spec. Funct. Vol. 24, No. 10, 2013, 807-816, [gen>](#)
- Cohl2014, *Generalizations of generating functions for hypergeometric and q -hypergeometric orthogonal polynomials*, Spring Central Sectional Meeting-Texas Tech Univ. Lubock, TX (Apr 11 2014), [gen>](#)
- 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>](#)
- 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>](#)
- 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>](#)
- CookBacon2013, *Some identities for Jacobsthal and Jacobsthal-Lucas numbers satisfying higher order recurrence relations*, Ann. Math. Inform. **41** (2013), 27-39, [gen>](#)
- Cooper2013, *The q -binomial theorem*, Auckland Mathematical Association, HoD Day, 17 May 2013, [nat>](#)
- CooperJonesThron1990, *Orthogonal Laurent-polynomials and continued fractions associated with log-normal*

distributions, J. Comp. Appl. Math. 32 (1990) 39-46, [jou>](#)

- Corcino R.B.Barrientos2011, *Some theorems on the q-analogue of the generalized Stirling numbers*, Bull. Malays. Math. Sci. Soc. (2) 34(3) (2011), 487-501, [nat>](#)
- 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.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>](#)
- Corcino R.B.Jaylo-CamposMacodi-Ringia2014, *On noncentral Bell numbers and their Hankel transforms*, Turkish J. of Analysis and Number Theory 2014, Vol. 2, No. 2, 28-35, [nat>](#)
- CorsaniMerliniSprugnoli1998, *Left-inversion of combinatorial sums*, Discrete Math. Vol. 180, Issues 1–3, Feb 1998, 107-122, [gen>](#)
- CorteelJosuat-VergèsWilliams2010, *The matrix ansatz, orthogonal polynomials, and permutations*, arXiv (15 May 2010), [arXiv>](#)
- CorvajaZannier1998, *Diophantine equations with power sums and universal Hilbert sets*, Indag. Mathem., N.S., 9 (3), Sep. 1998, 317-332, [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>](#)
- Cossali2003, *A common generating function for Catalan numbers and other integer sequences*, J. Integer Seq. Vol. 6 (2003), Article 03.1.8, [jis>](#)
- 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>](#)
- CostabileLongo2014, *An algebraic approach to Sheffer polynomial sequences*, Integral Transforms Spec. Funct. Vol. 25, Issue 4, 2014, [gen>](#)

- 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>](#)
- Costas-SantosSanchez-Lara2010, *A survey on q -polynomials and their orthogonality properties*, arXiv (24 Feb 2010), [aXv>](#)
- CsordasCharalambidesWaleffe2005, *A new property of a class of Jacobi polynomials*, Proc. Amer. Math. Soc. Vol. 133, No. 12, 3551-3560, [nat>](#)
- CvetkovicRajkovicIvkovic2002, *Catalan numbers, the Hankel transform, and Fibonacci numbers*, J. Integer Seq. Vol. 5 (2002), Article 02.1.3, [jis>](#)

D

- Dabrowski1994, *p -adic L -functions of Hilbert modular forms*, Annales de l'institut Fourier, tome 44, no 4 (1994), p. 1025-1041, [gen>](#)
- DaiLiao2014, *Image analysis by circularly orthogonal moments*, Int. J. Engin. Innov. Res. Vol. 3, Issue 4 (2014), [gen>](#)
- DamanikPushmitskiSimon 2008, *The analytic theory of matrix orthogonal polynomials*, Surv. Approx. Theory, Vol. 4, 2008, 1-85, [gen>](#)
- DancsHe2013, *q -analogues of symbolic operators*, J. of Discrete Math. Vol. 2013 (2013), Article ID 487546, 6 p, [jou>](#)
- DangiTiwariParihar2013, *Generalized degenerated Bernoulli numbers and polynomials*, J. Int. Acad. Phys. Sci. Vol. 17, No.3 (2013), 245-254, [iou>](#)
- Dar2012, *Generalized Fibonacci-Lucas sequence*, Int. J.

- of Mathematical Archive-3(6), 2012, [jou>](#)
- 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>](#)
 - Dasdemir2011, *On the Pell, Pell-Lucas and modified Pell numbers By matrix method*, Appl. Math. Sci. Vol. 5, 2011, no. 64, 3173-3181, [gen>](#)
 - Dasdemir2014, *A study on the Jacobsthal and Jacobsthal-Lucas numbers*, DUFED 3(1), 13-18, 2014, [gen>](#)
 - Dattoli2000, *Generalized polynomials, operational identities and their applications*, J. Comp. Appl. Math. Vol. 118, Issues 1–2, Jun 2000, 111-123, [jou>](#)
 - DattoliCesaranoLorenzutta2002, *Bernoulli numbers and polynomials from a more general point of view*, Rend. Mat. Appl. (7), Vol. 22, Roma (2002), 193-202, [nat>](#)
 - DattoliLorenzuttaManchoTorre1999, *Generalized polynomials and associated operational identities*, J. Comp. Appl. Math. Vol. 108, Issues 1–2, Aug 1999, 209-218, [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>](#)
 - DattoliRicciCesarano2003, *The Lagrange polynomials, the associated generalizations, and the umbral calculus*, Integral Transforms Spec. Funct. Vol. 14, Issue 2, 2003, [gen>](#)
 - Davis1979, *Circulant matrices*, Bull. Amer. Math. Soc. Vol. 7, Number 2, Sep 1982 [nat>](#)
 - Davis2013, *p-adic Stirling numbers of the second-kind*, arXiv (29 Jul 2013), [aXv>](#)
 - DaykinDresel1967, *Identities for products of Fibonacci*

and Lucas numbers, Fibonacci Quart. 1967 (5,4): 367-369, [fibqy>](#)

- 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>](#)
- De Leon1976, *Pell's equation and Pell number triples*, Fibonacci Quart. 1976 (14,5): 456-460, [fibqy>](#)
- de MedicisStantonWhite1995, *The combinatorics of q-Charlier polynomials*, J. Comb. Theory Ser. A, Vol. 69, Issue 1, Jan 1995, 87-114, [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>](#)
- 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>](#)
- DeiftItsKrasovsky2011, *Asymptotics of Toeplitz, Hankel, and Toeplitz+Hankel determinants with Fisher-Hartwig singularities*, Annals Math. **174** (2011), 1243-1299, [gen>](#)
- DeiftItsKrasowski2012, *On the asymptotics of a Toeplitz determinant with singularities*, arXiv (6 Jun 2012), [aXv>](#)
- DelfertEinzigerRawlings2003, *The derangement problem relative to the Mahonian process*, Int. J. Math. Math. Sci. Vol. 2003 (2003), Issue 24, 1497-1508, [gen>](#)
- Della Riccia2004, *Inversions relating Stirling, Tanh, Lah numbers and an application to Mathematical Statistics*, arXiv (31 May 2004), [aXv>](#)
- Della Riccia2006, *Converting between generalized Bell, Lah, Stirling, and Tanh numbers*, J. Integer Seq. Vol. 9 (2006), Article 06.3.5, [jis>](#)
- Della Riccia2008, *Riordan arrays, Sheffer sequences and*

"Orthogonal" Polynomials, J. Integer Seq. Vol. 11 (2008), Article 08.5.3, [jis>](#)

- Demni2009, *Ultrashpherical type generating functions for orthogonal polynomials*, Probab. Math. Statist. Vol. 29, Fasc. 2 (2009), 281-296, [gen>](#)
- Deng2006, *A class of combinatorial identities*, Discrete Math. Vol. 306, Issue 18, 28 Sep 2006, 2234-2240, [gen>](#)
- DengYan2008, *Some identities on the Catalan, Motzkin and Schröder numbers*, Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2781-2789, [gen>](#)
- Denis1990, *On generalization of Euler's continued fractions*, Indian J. Pure Appi. Math. 1990, [nat>](#)
- Denis1991, *On generalization of certain continued fractions*, Indian J. Pure Appi. Math. 1991, [nat>](#)
- DereSimsek2011a, *Unification of the three families of generalized Apostol type polynomials on the Umbral algebra*, arXiv (7 Oct 2011), [aXv>](#)
- DereSimsek2011b, *Genocchi polynomials associated with the umbral algebra*, Appl. Math. Comput. Vol. 218, Issue 3, Oct 2011, 756-761, [gen>](#)
- DesaleQashash2011a, *A general class of generating functions of Laguerre polynomials*, J. Inequal. Spec. Funct. Vol. 2, Issue 2, 1-7, [jou>](#)
- DesaleQashash2011b, *Trilateral generating function for Hermite, Jacobi and Bessel polynomials*, Int. Journal of Math. Analysis, Vol. 5, 2011, no. 47, 2329-2335, [gen>](#)
- DeutschFerrariRinaldi2005, *Production matrices*, Adv. Appl. Math. Vol. 34, Issue 1, Jan 2005, 101-122, [gen>](#)
- DeutschFerrariRinaldi2009, *Production matrices and Riordan arrays*, Ann. Comb. Jul 2009, Vol. 13, Issue 1, 65-85, [gen>](#)
- DeutschSagan2006, *Congruences for Catalan and Motzkin numbers and related sequences*, J. Number Theory Vol. 117, Issue 1, Mar 2006, 191-215, [jou>](#)
- DeutschShapiro2001, *A survey of the Fine numbers*, Discrete Math. Vol. 241, Issues 1–3, Oct 2001, 241-265, [gen>](#)

- Dhaouadi2013, *On the q -Bessel Fourier transform*, Bull. Math. Anal. Appl. Vol. 5 Issue 2 (2013), 42-60, [nat>](#)
- Di Bucchianico1998, *An introduction to Umbral Calculus*, Euler Institute for Discrete Mathematics and its Applications, [gen>](#)
- Di BucchianicoLoebWagner2000, *A selected survey of Umbral Calculus*, Electron. J. Combin. #DS3 Update of April, 2000, [gen>](#)
- Di NardoNiederhausenSenato2009, *The classical umbral calculus: Sheffer sequences*, Lect. Notes Semin. Interdiscip. Mat. Vol. 8 (2009), 101-130, [gen>](#)
- Di NardoNiederhausenSenato2011, *A symbolic handling of Sheffer polynomials*, Ann. Mat. Pura Appl. (4), Sep. 2011, Vol. 190, Issue 3, 489-506, [gen>](#)
- Di NardoPetrulloSenato2010, *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>](#)
- Diaconis1986, *Application of the method of moments in probability and statistics*, [Technical Report 262, Stanford Univ. Stanford-California, 1986](#), [gen>](#)
- DiaconisGriffiths2014, *An introduction to multivariate Krawtchouk plynomials and their applications*, arXiv (9 Feb 2014), [aXv>](#)
- 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>](#)
- DieneEl Bachraoui2012, *Identities for the classical polynomials through sums of Liouville Type*, J. Integer Seq. Vol. 15 (2012), Article 12.7.1, [jis>](#)
- Dilcher1996, *Sums of products of Bernoulli numbers*, J. Number Theory Vol. 60, Issue 1, Sep 1996, 23–41, [jou>](#)
- Dilcher2000, *Hypergeometric functions and Fibonacci numbers*, Fibonacci Quart. 2000 (38,4): 342-363, [fibqy>](#)

- Dilcher2007, *Congruences for a class of alternating lacunary sums of binomial coefficients*, J. Integer Seq. Vol. 10 (2007), Article 07.10.1, [jis>](#)
- Dilcher2008, *Determinant expressions for q -harmonic congruences and degenerate Bernoulli numbers*, Electron. J. Combin. **15** (2008), [gen>](#)
- DilKurt2011, *Polynomials related to harmonic numbers and evaluation of harmonic number series II*, Appl. Anal. Discrete Math. 5 (2011), 212-229, [gen>](#)
- DilKurtCenkci2007, *Algorithms for Bernoulli and allied polynomials*, J. Integer Seq. Vol. 10 (2007), Article 07.5.4, [jis>](#)
- Djordjevic1996, *On some properties of generalized Hermite polynomials*, Fibonacci Quart. 1996 (34,1): 2-6, [fibqy>](#)
- Djordjevic2001a, *Some properties of partial derivatives of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2001 (39,2): 138-141, [fibqy>](#)
- Djordjevic2001b, *On the generalized Laguerre polynomials*, Fibonacci Quart. 2001 (39,5): 403-407, [fibqy>](#)
- Djordjevic2004, *Generating functions of the incomplete generalized Fibonacci and generalized Lucas numbers*, Fibonacci Quart. 2004 (42,2): 106-113, [fibqy>](#)
- 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>](#)
- Djordjevic2005b, *On the k th-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>](#)
- DjordjevicSrivastava2005, *Incomplete Generalized Jacobsthal and Jacobsthal-Lucas Numbers*, Math. Comput. Modelling, Vol. 42, Issues 9-10, Nov 2005, 1049-1056, [gen>](#)
- DokosDwyerJohnsonSaganSelsor2012, *Permutation patterns*

and statistics, Discrete Math. Vol. 312, Issue 18, 28 Sep 2012, 2760-2775, gen>

- Domaratzki2004, *Combinatorial interpretations of a generalization of the Genocchi numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.3.6, [jis>](#)
- DombrowskiNevai1986, *Orthogonal polynomials, measures and recurrence relations*, SIAM J. Math. Anal. 1986, Vol. 17, No. 3 : 752-759, [gen>](#)
- Donaghey1976, *Binomial self-inverse sequences and tangent coefficients*, J. Combin. Theory Ser. A, Vol. 21, Issue 2, Sep 1976, 155-163, [jou>](#)
- DonagheyShapiro1977, *Motzkin numbers*, J. Combin. Theory Ser. A, Vol. 23, Issue 3, Nov 1977, 291-301, [jou>](#)
- Dou1994, *On the fundamental periods of Hilbert modular forms*, Trans. of the AMS Vol. 346, Number 1, Nov 1994, 147-158, [nat>](#)
- DoughertyFrenchSaderholmQian2011, *Hankel transforms of linear combinations of Catalan numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.5.1, [jis>](#)
- Dragomir2014, *Approximating the Riemann-Stieltjes integral via a Chebyshev type functional*, Acta Comment. Univ. Tartu. Math. Vol. 18, Number 2, 2014, [nat>](#)
- DresdenDu2014, *A simplified Binet formula for k-generalized Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.7, [jis>](#)
- Duarte, de Oliveira2013, *Note on the convolution of binomial coefficients*, J. Integer Seq. Vol. 16 (2013), Article 13.7.6, [jis>](#)
- Dubeau1993, *The rabbit problem revisited*, Fibonacci Quart. 1993 (31,3): 268-273, [fibqy>](#)
- Dubois-Violette2015, *Lectures on the classical moment problem and its noncommutative generalization*, arXiv (5 Nov 2015), [aXv>](#)
- DuchiFrosiniPinzaniRinaldi2003, *A note on rational succession rules*, J. Integer Seq. Vol. 6 (2003), Article 03.1.7, [jis>](#)
- DukeGreenfieldSpeer1998, *Properties of a quadratic*

Fibonacci recurrence, J. Integer Seq. Vol. 1 (1998), Article 98.1.8, [jis>](#)

- DukeImamoglu, *The zeros of the Weierstrass –function and hypergeometric series*, [Mathematische Annalen 340\(4\):897-905 · Apr 2008, gen>](#)
- DumitriuEdelmanShuman2004, *MOPS: Multivariate orthogonal polynomials (symbolically)*, J. Symbolic Comput. 42 (2007) 587-620, [jou>](#)
- Dumont1981, *Une approche combinatoire des fonctions elliptiques de Jacobi*, Adv. Math. Vol. 41, Issue 1, Jul 1981, 1-39, [gen>](#)
- 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>](#)
- 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>](#)
- DuvallVaughan1988, *Pell polynomials and a conjecture of Mahon and Horadam*, Fibonacci Quart. 1988 (26,4): 344-353, [fibqy>](#)
- DwilewiczMinac2009, *Values of the Riemann zeta function at integers*, Materials Matem. Vol. 2009, treball no. 6, Depart. de Matem., Univ. Auton. Barcelona, [nat>](#)
- Dzhumadil'daevYeliussizov2013, *Power sums of binomial coefficients*, J. Integer Seq. Vol. 16 (2013), Article 13.1.4, [jis>](#)
- Dziemianczuk2013, *Generalizing Delannoy numbers via counting weighted lattice paths*, Integers 13 (2013), 1-33, [gen>](#)

E

- EdelmanStrang2004, *Pascal matrices*, Amer. Math. Monthly, 111 (2004), 189-197, [nat>](#)
- Edixhoven van der GeerMoonen2008, *Modular forms*, CUP/EDV Aug 14 2008, 9-42, [gen>](#)
- EdsonYayenie2009, *A new generalization of Fibonacci sequence and extended Binet's formula*, Integers 9 (2009), 639-654, [gen>](#)
- Edwards2008-09, *A Pascal-like triangle related to the tribonacci numbers*, Fibonacci Quart. 2008-09 (46-47,1): 18-25, [fibqy>](#)
- Egge2007, *Restricted colored permutations and Chebyshev polynomials*, Discrete Math. Vol. 307, Issue 14, 28 Jun 2007, 1792-1800, [gen>](#)
- EgorychevZima2002, *On integral representation and algorithmic approaches to the evaluation of combinatorial sums*, xxxx, [xxxx>](#)
- EgorychevZima2005, *Decomposition and group theoretic characterization of pairs of inverse relations of the Riordan type*, Acta Appl. Math. (2005) 85: 93-109, [gen>](#)
- Ehrenborg2003, *Determinants involving q-Stirling numbers*, Adv. Appl. Math. Vol. 31, Issue 4, Nov. 2003, 630-642, [gen>](#)
- EhrenborgReaddy2006, *Characterization of Eulerian binomial and Sheffer posets*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)
- EhrenborgReaddy2016, *The Gaussian coefficient revisited*, J. Integer Seq. Vol. 19 (2016), Article 16.7.8, [jis>](#)
- EichlerZagier1982, *On the Zeros of the Weierstrass p-Function*, Math. Ann. 258, 399-407 (1982), [gen>](#)
- Eie1996, *A note on Bernoulli numbers and Shintani generalized Bernoulli polynomials*, Trans. Amer. Math. Soc. Vol. 348, No. 3 (Mar 1996), 1117-1136, [nat>](#)
- EieLai1998, *On Bernoulli identities and applications*, Revista Matematica Iberoamericana Vol. 14, N.o 1, 1998,

[nat>](#)

- EilbeckEnglandOnishi2014, *Some new addition formulae for Weierstrass elliptic functions*, arXiv (2 Aug 2014), [aXv>](#)
- EisenbergWood1972, *Approximation of analytic functions by Bernstein-type operators*, J. Approx. Theory, 6, 242-248 (1972), [jou>](#)
- EkhadZeilberger2014, *How to generate as many Somos-like miracles as you wish*, J. Difference Eq. Appl. v. 20 (2014), 852-858, [jou>](#)
- El-Desouky1994, *The multiparameter noncentral Stirling numbers*, Fibonacci Quart. 1994 (32,3): 218-225, [fibqy>](#)
- El-DesoukyGomaa2011, *q-Comtet and generalized q-harmonic numbers*, J. Math. Sci.Adv. Appl. Vol. 10, Number 1/2, 2011, 33-52, [jou>](#)
- Elezovic2014, *Asymptotic expansions of central binomial coefficients and Catalan numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.2.1, [jis>](#)
- Elia2001, *Derived sequences, the tribonacci recurrence and cubic forms*, Fibonacci Quart. 2001 (39,2): 107-115, [fibqy>](#)
- EliasGingold2007, *On the approximation of the Jacobi polynomials*, Rocky Mountain J. Math. Vol. 37, No. 1, 2007, [nat>](#)
- EliasGingold2010, *Approximation of the Jacobi polynomials and the Racah coefficients*, Rocky Mountain J. Math. Vol. 40, No. 3, 2010, [nat>](#)
- 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>](#)
- EllingtonWachiraNkwanta2010, *RNA secondary structure prediction by using discrete math.: An interdisciplinary research experience for undergraduate students*, CBE–Life Sciences Education Vol. 9, 348-356, Fall 2010, [gen>](#)
- Elmore1967, *Fibonacci functions*, Fibonacci Quart. 1967

(5,4): 371-382, [fibqy>](#)

- Elsner2005, *On recurrence formulae for sums involving binomial coefficients*, Fibonacci Quart. 2005 (43,1): 31-45, [fibqy>](#)
- ElsnerShimomuraShiokawa2007, *Algebraic relations for reciprocal sums of Fibonacci numbers*, Acta Arith. 130.1 (2007), 37- 60, [gen>](#)
- England2007, *The Weierstrass theory for elliptic functions, including the generalisation to higher genus*, The Burn 2007, [gen>](#)
- EnnekingAhuja1976, *Generalized Bell numbers*, Fibonacci Quart. 1976 (14,1): 67-73, [fibqy>](#)
- Er1984, *The matrices of Fibonacci numbers*, Fibonacci Quart. 1984 (22,2): 134-139, [fibqy>](#)
- ErmanSmithVarilly-Alvarado2011, *Laurent polynomials and Eulerian numbers*, J. Combin. Theory Ser. A, Vol. 118, Issue 2, Feb 2011, 396-402, [gen>](#)
- Ernst2002, *Some results for q -Laguerre polynomials*, U.U.D.M. Report 2002:20, [gen>](#)
- Ernst2003, *A method for q -Calculus*, J. Nonlinear Math. Phys. Vol. 10, No. 4 (2003), 487-525, [jou>](#)
- Ernst2004, *q -analogues of some operational formulas*, U.U.D.M. Report 2004:4, [gen>](#)
- Ernst2006, *q -Bernoulli and q -Euler polynomials, an umbral approach*, Int. J. Differ. Equ. Vol. 1, No. 1, (2006), 31-80, [gen>](#)
- Ernst2008a, *q -Stirling numbers, an umbral approach*, Adv. Dyn. Syst. Appl. Vol. 3, No. 2, 251-282 (2008), [gen>](#)
- Ernst2008b, *q -Pascal and q -Bernoulli matrices, an umbral approach*, U.U.D.M. Report 2008: 23, [gen>](#)
- 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>](#)
- 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>](#)
- EuLiuYeh2008, *Catalan and Motzkin numbers modulo 4 and 8*, European J. Combin. Vol. 29, Issue 6, Aug 2008, 1449-1466, [gen>](#)
- EuWongYeh2012, *Hankel determinants of sums of consecutive weighted Schröder numbers*, Linear Algebra Appl. Vol. 437, Issue 9, 1 Nov 2012, 2285-2299, [gen>](#)
- Everest van der PoortenShparlinskiWard2003, *Recurrence sequences*, Mathematical Surveys and Monographs, vol 104, [gen>](#)
- Exton1996, *New generating functions for Gegenbauer polynomials*, [J. Comput. Appl. Math. Vol. 67, Issue 1, 20, Feb 1996, 191-193, jou>](#)

F

- FaberLiesenTichy2010, *On Chebyshev polynomials of matrices*, SIAM J. Matrix Anal. Appl. 2010, [gen>](#)
- Falcon2011, *On the k-Lucas numbers*, Int. J. Contemp. Math. Sciences, Vol. 6, 2011, no. 21, 1039-1050, [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>](#)
- FalconPlaza2009, *On k-Fibonacci sequences and polynomials and their derivatives*, Chaos Solitons Fractals, Vol. 39, Issue 3, Feb 2009, 1005-1019, [gen>](#)
- FarenickKrupnickKrupnickLee, *Normal Toeplitz matrices*, SIAM J. Matrix Anal. Appl. 17(4) · Oct 1996, [gen>](#)
- 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>](#)
- Farrokhi2009, *An identity in the generalized Fibonacci numbers and its applications*, Integers 9 (2009), 497-513, [gen>](#)
- Fasino1995, *Spectral properties of Hankel matrices and numerical solutions of finite moment problems*, J. Comp. Appl. Math. 65 (1995) 145-155, [jou>](#)
- Fasino1996, *Spectral properties of Toeplitz-plus-Hankel matrices*, [Calcolo 33\(1\):87-98 · Jun 1996](#), [gen>](#)
- FasinoInglese1992, *On the spectral condition of rectangular Vandermonde matrices*, Calcolo Sep 1992, Vol. 29, Issue 3, 291-300, [gen>](#)
- FasinoTilli2000, *Spectral clustering properties of block multilevel Hankel matrices*, Linear Algebra Appl. 306 (2000), 155-163, [gen>](#)
- Feinberg1963, *Fibonacci-Tribonacci*, Fibonacci Quart. 1963 (1,3): 71-74, [fibqy>](#)
- Feinberg1967, *A Lucas triangle*, Fibonacci Quart. 1967 (5,5): 486-490, [fibqy>](#)
- FeinsilverKocik2007, *Krawtchouk polynomials and Krawtchouk matrices*, arXiv (7 Feb 2007), [aXv>](#)
- FelsnerHeldt2015, *Lattice path enumeration and Toeplitz matrices*, J. Integer Seq. Vol. 18 (2015), Article 15.1.3, [jis>](#)
- Feng C-J.Zhao F-Z.2009, *Some results for generalized harmonic numbers*, Integers 9 (2009), 605-619, [gen>](#)
- 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>](#)
- FerrariPergolaPinzaniRinaldi2011, *Some applications arising from the interactions between the theory of Catalan-like numbers and the ECO method*, Ars Combin.

2011 (vol.99): 1-29, [gen>](#)

- FerrariPinzani2005, *Catalan-like numbers and succession rules*, PU.M.A. Vol. 16 (2005), No. 3, 229-250, [gen>](#)
- Fielder1967a, *Certain Lucas-like sequences and their generation by partitions of numbers*, Fibonacci Quart. 1967 (5,4): 319-324, [fibqy>](#)
- Fielder1967b, *Remarks on two related sequences of numbers*, Fibonacci Quart. 1967 (5,4): 325-327, [fibqy>](#)
- Fielder1968, *Generation of Stirling numbers by means of special partitions of numbers*, Fibonacci Quart. 1968 (6,5): 1-9, [fibqy>](#)
- Fielder2004, *Some thoughts on rook polynomials on square chessboards*, Applications of Fibonacci Numbers 2004, 101-108, [gen>](#)
- FieldsIsmail1975, *Polynomial Expansions*, Math. Comp. Vol. 29, No. 131, Jul 1975, 894-902, [gen>](#)
- Filipponi1995, *Some binomial Fiboancci 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>](#)
- Filipponi1997a, *An observation of summation formulas for generalized sequences*, Fibonacci Quart. 1997 (35,1): 57-61, [fibqy>](#)
- Filipponi1997b, *Summation formulas for special Lehmer numbers*, Fibonacci Quart. 1997 (35,3): 252-257, [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>](#)
- Finck2014, *Hankel and Toeplitz Determinants*, Unpublished note, [xxxx>](#)
- FioreZellini1998, *Matrix displacement decompositions and applications to Toeplitz linear systems*, Linear Algebra

Appl. 268: 197-225 (1998), [gen>](#)

- Flajolet1980, *Combinatorial aspects of continued fractions*, Discrete Math. 32 (1980) 125-161, [gen>](#)
- FlajoletGourdonDumas1995, *Mellin transforms and asymptotics: Harmonic sums*, Theoret. Comput. Sci. 144 (1995) 3-58, [gen>](#)
- Flensted-JensenKoornwinder1973, *The convolution structure for Jacobi function expansions*, Arkiv för Matematik 1973, Vol. 11, Issue 1-2, 245-262, [nat>](#)
- FloreaniniLeTourneauVinet1995, *An algebraic interpretation of the continuous big q -Hermite polynomials*, arxiv (26 Apr 1995), [aXv>](#)
- FoataLeroux1983, *Polynômes de Jacobi, interprétation combinatoire et fonction génératrice*, Proc. Amer. Math. Soc. Vol. 87, No. 1 (Jan-Apr, 1983), 47-53, [nat>](#)
- FoataZeilberger1988, *Laguerre polynomials, weighted dérangements, and positivity*, Siam J. Disc. Math. Vol. 1, No. 4, Nov1988, [gen>](#)
- FoataZeilberger1991, *Multibasic Eulerian polynomials*, Trans. Amer. Math. Soc. Vol. 328, No. 2, (Nov 1991), 843-862, [nat>](#)
- Ford1967, *A shift formula for recurrence relations of order m* , Fibonacci Quart. 1967 (5,5): 461-465, [fibqy>](#)
- Fort1942a, *Generalizations of the Bernoulli polynomials and numbers and corresponding summation formulas*, Bull. Amer. Math. Soc. vol. 48, no. 8, 1942, 567-574, [nat>](#)
- Fort1942b(addition), *An addition to "Generalizations of the Bernoulli polynomials and numbers and corresponding summation formulas"*, Bull. Amer. Math. Soc. vol.48, no. 12 , 1942, 949, [nat>](#)
- FououagnigniRonveauxKoepf1998, *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>](#)
- Fox2001, *Congruences relating ratinal values of Bernoulli and Euler polynomials*, Fibonacci Quart. 2001 (39,1): 50-57, [fibqy>](#)

- Frame1949, *Continued Fractions and Matrices*, Amer. Math. Monthly, Vol. 56, No. 2 (Feb., 1949), 98-103, [nat>](#)
- Fray1967, *A generating function associated with the generalized Stirling numbers*, Fibonacci Quart. 1967 (5,4): 356-366, [fibqy>](#)
- French2007, *Transformations preserving the Hankel transform*, J.Integer Seq. Vol. 10 (2007), Article 07.7.3, [jis>](#)
- Frenklach1985, *Linear recurrence relations with binomial coefficients*, Fibonacci Quart. 1985 (23,4): 359-363, [fibqy>](#)
- FreySellers2000, *Jacobsthal numbers and alternating sign matrices*, J. Integer Seq. Vol. 3 (2000), Article 00.2.3, [jis>](#)
- Fuller1978, *Vectors whose elements belong to a generalized Fibonacci sequence*, Fibonacci Quart. 1978 (16,5): 447-450, [fibqy>](#)
- Fulton1999, *Universal Schubert polynomials*, Duke Mathematical J. 1999, Vol. 96, No. 3, 575-594, [gen>](#)
- FuPanZhang2007, *Symmetric identities on Bernoulli polynomials*, arXiv (17 Sept 2007), [aXv>](#)
- FurlingerHofbauer1985, *q -Catalan numbers*, J. Combin.Theory Ser. A, **40**, 248-264 (1985), [jou>](#)

G

- GabouryTremblay2014, *A further investigation of gener. Funct. related to pairs of inverse funct. with appl. to generalized degenerate Bernoulli polyn.*, Bull. Korean Math. Soc. 51 (2014), No. 3, 831-845, [nat>](#)
- Galiffa2012, *The Sheffer A-type orthogonal polynomial sequences and related results*, [Springer Briefs in Mathematics, 1-33, 2012](#), [gen>](#)
- GaliffaOng2014, *A characterization of an Askey–Wilson difference equation*, J. Difference Equ. Appl. Vol. 20, Issue 9, 2014, [jou>](#)

- GalovichWhite2007, *Mahonian Z Statistics*, Discrete Math. 307 (2007) 2341-2350, [gen>](#)
- Gamkrelidze1995, *On a probabilistic property of the Fibonacci sequence*, Fibonacci Quart. 1995 (33,2): 147-152, [fibqy>](#)
- Gandhi1970, *A conjectured representation of Genocchi numbers*, Amer. Math. Monthly, Vol. 77, No.5, (may 1970), 505-506, [nat>](#)
- GarnierRamaré2008-09, *Fibonacci numbers and trigonometric identities*, Fibonacci Quart. 2008-09 (46-47,1): 56-61, [fibqy>](#)
- GarrettKillpatrick2014, *Generalized Legendre-Stirling numbers*, Open J. Discrete Math. 2014, **4**, 109-114, [gen>](#)
- GarthMillsMitchell2007, *Polynomials generated by the Fibonacci sequence*, J. Integer Seq. Vol. 10 (2007), Article 07.6.8, [jis>](#)
- Gauthier1998, *Identities for a class of sums involving Horadam's generalized numbers $\{W_n\}$* , Fibonacci Quart. 1998 (36,4): 295-304, [fibqy>](#)
- Gautshil1983, *The condition of Vandermonde-like matrices involving orthogonal polynomials*, Linear Algebra Appl. 52/53, 293-300 (1983), [gen>](#)
- GawronskiLittlejohnNeuschel2014, *On the asymptotic normality of the Legendre-Stirling numbers of the second kind*, arXiv (3 aug 2014), [aXv>](#)
- GawronskiNeuschel2013, *Euler–Frobenius numbers*, Integral Transforms Spec. Funct. Vol. 24, Issue 10, 2013, 817-830, [gen>](#)
- Gedenhuys1981, *On the Fibonacci numbers minus one*, Fibonacci Quart. 1981 (19,5): 456-457, [fibqy>](#)
- Gedenhuys(errata)1982, *(errata)On the Fibonacci numbers minus one*, Fibonacci Quart. 1982 (20,2): 192, [fibqy>](#)
- Gelineau2010, *Études combinatoires des nombres de Jacobi-Stirling et d'Entriger*, Diplôme de Doctorat 24 Sept. 2010, Université Claude Bernard-Lyon 1, [nat>](#)
- GellerKraPopescuSimanca2012, *On circulant matrices*, Preprint, [gen>](#)

- Gerhold2009, *The shape of the value sets of linear recurrence sequences*, J. Integer Seq. Vol. 12 (2009), Article 09.3.6, [jis>](#)
- Gessel2003, *Applications of the classical umbral calculus*, Algebra Universalis 2003 (vol.49,4): 397-434, [gen>](#)
- GetuShapiroWoanWoodson1992, *How to guess a generating function*, SIAM J. Discrete Math. Vol. 5 Issue 4, Nov. 1992, 497-499, [gen>](#)
- Ghanmi2013, *Operational formulae for the complex Hermite polynomials $H_p, q(z, z^*)$* , arXiv (10 Jan 2013), [aXv>](#)
- GhressiKhérijiTounsi2011, *An introduction to the q -Laguerre-Hahn orthogonal q -polynomials*, SIGMA Symmetry Integrability Geom. Methods Appl. 7 (2011), 092, 20
- p, [gen>](#)
- Gica2008-09, *Quadratic residues in Fibonacci sequences*, Fibonacci Quart. 2008-09 (46-47,1): 68-72, [fibqy>](#)
- GillisJedwabizeilberger1988, *A combinatorial interpretation of the integral of the product of Legendre polynomials*, Siam J. Math. Anal. Vol. 19, No. 6, Nov. 1988, [gen>](#)
- Glaeske2000, *Convolution structure of (generalized) Hermite transforms*, Banach Center Publ. Vol. 53, [nat>](#)
- Glasser2012, *A generalized Apéry series*, J. Integer Seq. Vol. 15 (2012), Article 12.4.3, [jis>](#)
- GodaseDhakne2014, *On the properties of k -Fibonacci and k -Lucas numbers*, Int. J. Adv. Appl. Math. and Mech. 2 (1) (2014), 100-106, [gen>](#)
- GoginHirvensalo2007, *On the generating function of discrete Chebyshev polynomials*, Turku Centre for Computer Science, TUCS Technical Report No 819, Apr 2007, [nat>](#)
- Good1974, *A reciprocal series of Fibonacci numbers*, Fibonacci Quart. 1974 (12,4): 346, [fibqy>](#)
- Good1994, *A symmetry property of alternating sums of products of reciprocals*, Fibonacci Quart. 1994 (32,3):

284-287, [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>](#)
- Gould1960, *Stirling number representation problems*, Proc. Amer. Math. Soc. Vol. 11, No. 3 (Jun 1960), 447-451, [nat>](#)
- Gould1961, *The q -Stirling numbers of the first and second kinds*, Duke Math. J. Vol. 28, Number 2 (1961), 281-289, [gen>](#)
- Gould1963, *Operational recurrences involving Fibonacci numbers*, Fibonacci Quart. 1963 (1,1): 30-33, [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>](#)
- Gould1967, *The Bracket function, q -binomial coefficients, and some new Stirling number formulas*, Fibonacci Quart. 1967 (5,5): 401-423, [fibqy>](#)
- Gould1972, *Explicit formulas for Bernoulli numbers*, Amer. Math. Monthly, Vol. 79, No. 1 (Jan 1972), 44-51, [nat>](#)
- Gould1974, *The design of the four binomial identities: Moriarty intervenes*, Fibonacci Quart. 1974 (12,3): 300-308, [fibqy>](#)
- Gould1975, *Formal proof of equivalence of two solutions of the general Pascal recurrence*, Fibonacci Quart. 1975 (13,2): 127-128, [fibqy>](#)
- Gould1977, *Generalization of a formula of Touchard for Catalan numbers*, J. Combin. Theory Ser. A, Vol. 23, Issue 3, Nov 1977, 351-353, [jou>](#)
- Gould1981, *A history of the Fibonacci Q-matrix and a*

- higher-dimensional problem*, Fibonacci Quart. 1981 (19,3): 250-256, [fibqy>](#)
- Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)
 - 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>](#)
 - GouldQuaintance2014, *Bernoulli numbers and a new binomial transform identity*, J. Integer Seq. Vol. 17 (2014), Article 14.2.2, [jis>](#)
 - GoytSagan2009, *Set partition statistics and q-Fibonacci numbers*, European J. Combin. Vol. 30, Issue 1, Jan. 2009, 230-245, [gen>](#)
 - Grandati2013, *Exceptional orthogonal polynomials and generalized Schur polynomials*, arXiv (18 Nov 2013), [aXv>](#)
 - Gray2006, *Toeplitz and Circulant Matrices: A Review*, Found. Trends Commun. Inform. Theory, Vol. 2, No 3 (2006) 155-239, [gen>](#)
 - GregoryMetzger1978, *Fibonacci sine sequences*, Fibonacci Quart. 1978 (16,2): 119-120, [fibqy>](#)
 - Griffiths2014, *Generating functions for extended Stirling numbers of the first kind*, J. Integer Seq. Vol. 17 (2014), Article 14.6.4, [jis>](#)
 - 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>](#)
 - Groenevelt2003a, *The Wilson function transform*, arXiv (30 Jun 2003), [aXv>](#)
 - Groenevelt2003b, *Laguerre functions and representations of $su(1: 1)$* , Indag.Math. (N.S.), Vol. 14, Issues 3–4, Dec 2003, 329-352, [gen>](#)
 - Groenevelt2005, *Wilson function transforms related to Racah coefficients*, arXiv (28 Jan 2005), [aXv>](#)
 - Groenevelt2009, *The vector-valued big q-Jacobi transform*, Constr. Approx. (2009) 29: 85-127, [gen>](#)

- GroeneveltKoelinkRosengren2003, *Continuous Hahn functions as Clebsch-Gordan coefficients*, arXiv (20 Feb 2003), [aXv>](#)
- Gross1988, *Elliptic curves and modular forms*, Proceed. AMS Centennial Symposium (Aug8-12 1988), [gen>](#)
- GrozaKachuryk2006, *On orthogonality relations for dual discrete q-ultraspherical polynomials*, SIGMA Symmetry Integrability Geom. Methods Appl. Vol. 2 (2006), Paper 034, 8 p, [gen>](#)
- Guinand1979, *The umbral method: a survey of elementary mnemonic and manipulative uses*, Amer. Math. Monthly, Vol. 86, No. 3 (Mar 1979), 187-195, [nat>](#)
- GulecTaskaraUslu2013, *A new approach to generalized Fibonacci and Lucas numbers with binomial coefficients*, Appl. Math. Comput. Vol. 220, Sept 2013, 482-486, [gen>](#)
- GunMurtyRath2011, *Transcendental nature of special values of L-functions*, Canad. J. Math. 63(2011), 136-152, [gen>](#)
- GuoQi2002, *Generalization of Bernoulli polynomials*, Internat. J. Math. Ed. Sci. Tech. Vol. 33, Issue 3, 2002, [gen>](#)
- 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>](#)
- GuoQi2015b, *An explicit formula for Bernoulli numbers in terms of Stirling numbers of the second kind*, J. Anal. Number Theory, 3, No. 1, 27-30 (2015), [jou>](#)
- GuoZeng2012, *New congruences for sums involving Apéry numbers or central Delannoy numbers*, arXiv (25 May 2012), [aXv>](#)
- 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>](#)

H

- HabibullahShakoor2013, *A generalization of Hermite polynomials*, Int. Math. Forum, Vol. 8, 2013, no. 15, 701-706, [gen>](#)
- Haggard1988, *Some further results on Legendre numbers*, Int. J. Math. Math. Sci. Vol. 11 (1988), Issue 3, 619-623, [gen>](#)
- Hajir2009, *Algebraic properties of a family of generalized Laguerre polynomials*, Canad. J. Math. Vol. **61** (3), 2009, 583-603, [nat>](#)
- HalbeisenHungerbuhler2000, *Dual form of combinatorial problems and Laplace techniques*, xxxx, [xxxx>](#)
- Halberg, Jr.1968, *The generalized Fibonacci operator*, The Fibonacci Quarterly 1968 (6,5): 15-33, [fibqy>](#)
- Halter-Koch2011, *Diophantine equations of Pellian type*, J. Number Theory Vol. 131, Issue 9, Sep 2011, 1597-1615, [jou>](#)
- Halton1967, *Some properties associated with square Fibonacci numbers*, The Fibonacci Quarterly 1967 (5,4): 347-354, [fibqy>](#)
- HamahataMasubuchi2007, *Special multi-poly-Bernoulli numbers*, J. Integer Seq. Vol. 10 (2007), Article 07.4.1, [jis>](#)
- 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>](#)
- 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](#)

- HanZeng1999a, *q-polyn^omes de Gandhi et statistique de Denert*, Discrete Math. Vol. 205, Issues 1–3, 28 July 1999, 119-143, [gen](#)
- HanZeng1999b, *On a q-sequence that generalizes the median Genocchi numbers*, Ann. Sci. Math. Québec 23 (1999), no. 1, 63-72, [gen](#)
- HarneBadshahSethiya2014, *Some identities of Fibonacci like sequences*, Int. J. of Math. and Computer Research Vol. 2, issue 3, Mar 2014: 371-374, [gen](#)
- Harris V.C.1965, *On identities involving Fibonacci numbers*, Fibonacci Quart. 1965 (3,3): 214-218, [fibqy](#)
- Harris M.1981, *Special values of zeta functions attached to Siegel modular forms*, Annales scientifiques de l'É.N.S. 4e série, tome 14, no 1 (1981), p 77-120, [gen](#)
- Hassani2003, *Derangements and applications*, J. Integer Seq. Vol. 6 (2003), Article 03.1.2, [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](#)
- Haukkanen1997a, *On a recurrence relation in two variables*, Fibonacci Quart. 1997 (35,1): 32-34, [fibqy](#)
- Haukkanen1997b, *A note on the bracket function transform*, Fibonacci Quart. 1997 (35,2): 156-159, [fibqy](#)
- Haukkanen2002, *A note on Horadam's sequence*, Fibonacci Quart. 2002 (40,4): 358-361, [fibqy](#)
- He2006, *The generalized Stirling numbers, Sheffer-type polynomials and expansion theorems*, CBMS/NSF Regional Research Conference, Kent, Aug 2006, [gen](#)
- He2008, *A symbolic operator approach to power series transformation-expansion formulas*, J. Integer Seq. Vol. 11 (2008), Article 08.2.7, [jis](#)
- He2011a, *Riordan arrays associated with Laurent series and generalized Sheffer-type groups*, Linear Algebra Appl. Vol. 435, Issue 6, Sep. 2011, 1241-1256, [gen](#)

- He2011b, *Characterizations of orthogonal generalized Gegenbauer-Humbert polynomials and orthogonal Sheffer-type polynomials*, J. Comput. Anal. Appl. 13.4 (2011): 701-723, [jou>](#)
- He2011c, *Generalized Stirling numbers and generalized Stirling functions*, arXiv (26 Jun 2011), [aXv>](#)
- He2012a, *A unified approach to generalized Stirling functions*, J. Mathematical Research with Appl. Nov. 2012, Vol. 32, No. 6, 631-646, [jou>](#)
- He2012b, *The characterization of Riordan arrays and Sheffer-type polynomial sequences*, J. Combin. Math. Combin. Comput. 82 (2012): 249-268, [jou>](#)
- He2013a, *Parametric Catalan numbers and Catalan triangles*, Linear Algebra Appl. Vol. 438, Issue 3, Feb 2013, 1467-1484, [gen>](#)
- He2013b, *Symmetric identities for Carlitz's q -Bernoulli numbers and polynomials*, Adv. Difference Equ. 2013, 2013: 246, [gen>](#)
- He2014, *Some results for Carlitz's q -Bernoulli numbers and polynomials*, Appl. Anal. Discrete Math. 8 (2014), 304-319, [gen>](#)
- He2015, *Matrix characterizations of Riordan arrays*, Linear Algebra Appl Vol. 465, 15 Jan 2015, 15-42, [gen>](#)
- Heberle2012, *A combinatorial approach to r -Fibonacci numbers*, Harvey Mudd College Department of Math.-Clarement-USA (2012). HMC Senior Theses. 34., [gen>](#)
- HegaziMansour2006, *A note on q -Bernoulli numbers and polynomials*, J. Nonlinear Math. Phys. Vol. 13, No. 1 (2006), 9-18, [jou>](#)
- 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>](#)
- HeHsuShiue2007, *The Sheffer group and the Riordan group*, Discrete Applied Math. Vol. 155, Issue 15, 15 Sep 2007, 1895-1909, [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, [gen>](#)
- 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>](#)
 - Heimer1967, *A general Fibonacci function*, Fibonacci Quart. 1967 (5,5): 481-483, [fibqy>](#)
 - Heinig2002, *Kernel structure of Toeplitz-plus-Hankel matrices*, Linear Algebra Appl. Vol. 340, Issues 1–3, 1 Jan 2002, 1–13, [gen>](#)
 - HeinigBojanczyk1997, *Transformation techniques for Toeplitz and Toeplitz-plus-Hankel matrices Part I. Transformations*, Linear Algebra Appl. 254: 193-226 (1997), [gen>](#)
 - HeinigBojanczyk1998, *Transformation techniques for Toeplitz and Toeplitz-plus-Hankel matrices II. Algorithms*, Linear Algebra Appl. Vol.278, Issues 1–3, 15 Jul 1998, 11–36, [gen>](#)
 - HeinigRost1988, *On the inverses of Toeplitz-plus-Hankel matrices*, Linear Algebra Appl. Vol. 106, Aug 1988, 39-52, [gen>](#)
 - HeinigRost1989, *Matrlx representations of Toeplitz-plus-Hankel matrix inverses*, Linear Algebra Appl.Vol. 113, Feb 1989, 65-78, [gen>](#)
 - HeinigRost1998, *Representations of Toeplitz-plus-Hankel matrices using trigonometric transformations with application to fast matrix-vector multiplication*, Linear Algebra Appl. Vol. 275–276, May 1998, 225-248, [gen>](#)
 - HeinigRost2002, *Split Algorithms and ZW-Factorization for Toeplitz and Toeplitz-plus-Hankel Matrices*, Proc. MTNS, Notre Dame 2002, [gen>](#)
 - HeinigRost2004, *Split algorithms for skewsymmetric Toeplitz matrices with arbitrary rank profile*, Theoretical Comp. Sc. Vol. 315, Issues 2–3, 6, May 2004,

453-468, [gen>](#)

- HeinigRost2011, *Fast algorithms for Toeplitz and Hankel matrices*, Linear Algebra Appl. 435 (2011) 1–59, [gen>](#)
- Hennessy2011, *A study of Riordan arrays with applications to continued fractions*,
- *orthogonal polynomials and lattice paths*, Thesis-Waterford Institute of Technology
- (Oct 2011), [gen>](#)
- HennessyBarry2011, *Generalized Stirling numbers, exponential Riordan arrays, and orthogonal polynomials*, J. Integer Seq. Vol. 14 (2011), Article 11.8.2, [jis>](#)
- Henrici1955, *On generating functions of the Jacobi polynomials*, Pacific J. Math. Vol. 5, Suppl. 2 (1955), 923-931, [nat>](#)
- Herzog2013, *Brownian motion and Poisson process*, Stochastische Systeme, 2013, [gen>](#)
- 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>](#)
- HeShiue2011, *Sequences of non-Gegenbauer-Humbert polynomials meet the generalized Gegenbauer-Humbert polynomials*, Inter. Scholarly Research Network, Vol. 2011 (2011), Article ID 268096, 18 p, [gen>](#)
- HeShiueWeng2011, *Sequences of numbers meet the generalized Gegenbauer-Humbert polynomials*, Inter. Scholarly Research Network, Vol. 2011, Article ID 674167, 16 p, [gen>](#)
- HeSprugnoli2009, *Sequence characterization of Riordan arrays*, Discrete Math. Vol. 309, Issue 12, Jun 2009, 3962-3974, [gen>](#)
- 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>](#)
- Heteyi2008, *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>](#)
 - Heteyi2009, *Shifted Jacobi polynomials and Delannoy numbers*, arXiv (24 Dec 2009), [aXv>](#)
 - Heyde1980, *On a probabilistic analogue of the Fibonacci sequence*, J. Appl. Probab. Vol. 17, No. 4, Dec 1980, 1079-1082, [jou>](#)
 - 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>](#)
 - HiltonPedersenSomer1997, *On Lucasian numbers*, Fibonacci Quart. 1997 (35,1): 43-47, [fibqy>](#)
 - HiltonPedersenVrancken1995, *On certain arithmetic properties of Fibonacci and Lucas numbers*, Fibonacci Quart. 1995 (33,3): 211-217, [fibqy>](#)
 - HochwaldTong1993, *On the reciprocals of the Fibonacci numbers*, Fibonacci Quart. 1993 (31,3): 246-250, [fibqy>](#)
 - Hodel1974, *Combinatorial interpretation of an analog of generalized binomial coefficients*, Fibonacci Quart. 1974 (12,4): 360-362, [fibqy>](#)
 - Hoeffding1971, The L_p norm of the approximation error for Bernstein-type polynomials, J. Approx. Theory, 4, 347-356 (1971), [jou>](#)
 - Hoffman2013, *Elliptic curves and modular forms*, xxxx, [gen>](#)
 - Hoggatt, Jr.1967, *Fibonacci numbers and generalized binomial coefficients*, Fibonacci Quart. 1967 (5,4): 383, [fibqy>](#)
 - Hoggatt, Jr.1968, *A new angle on Pascal's triangle*, Fibonacci Quart. 1968 (6,4): 221-234, [fibqy>](#)

- Hoggatt, Jr.1970, *Convolution triangles for generalized Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 158-171, [fibqy>](#)
- Hoggatt, Jr.Basin1963a, *Representations by complete sequences-Part I (Fibonacci)*, Fibonacci Quart. 1963 (1,3): 1-14, [fibqy>](#)
- Hoggatt, Jr.Basin1963b, *The Fibonacci sequence and Pascal' s triangle*, Fibonacci Quart. 1963 (1,3): 31, [fibqy>](#)
- Hoggatt, Jr.Bergum1975, *Generalized convolution arrays*, Fibonacci Quart. 1975 (13,3): 193-197, [fibqy>](#)
- Hoggatt, Jr.Bicknell1969, *Diagonal sums of generalized Pascal triangles*, Fibonacci Quart. 1969 (7,4): 341-358, [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.Bicknell1976b, *Primer for the Fibonacci numbers, Part XV: variations on summing a series of reciprocals of Fibonacci numbers*, Fibonacci Quart. 1976 (14,3): 272-276, [fibqy>](#)
- Hoggatt, Jr.Bicknell1976c, *Sequences of matrix inverses from Pascal, Catalan, and related convolution arrays*, Fibonacci Quart. 1976 (14,3): 224-232, [fibqy>](#)
- Hoggatt, Jr.Bicknell1976d, *Catalan and related sequences arising from inverses of Pascal's triangle matrices*, Fibonacci Quart. 1976 (14,5): 395-404, [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.Hillman1978, *A property of Wythoff pairs*, Fibonacci Quart. 1978 (16,5): 472, [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>](#)
 - Holst1991, *On the ‘problème des ménages’ from a probabilistic viewpoint*, Statist. Probab. Lett. Vol. 11, Issue 3, March 1991, 225-231, [gen>](#)
 - Horadam1961, *A generalized Fibonacci sequence*, Amer. Math. Monthly Vol. 68, No. 5 (May, 1961), 455-459, [nat>](#)
 - Horadam1965a, *Basic properties of a certain generalized sequence of numbers*, Fibonacci Quart. 1965 (3,3): 161-176, [fibqy>](#)
 - Horadam1965b, *Generating functions for powers of a certain generalized sequence of numbers*, Duke Math. J. Vol. 32, No. 3, (1965), 437-446, [gen>](#)
 - Horadam1967, *Special properties of the sequence $W_n(a,b;p,q)$* , Fibonacci Quart. 1967 (5,5): 424-434, [fibqy>](#)
 - Horadam1969, *Tschebyscheff and other functions associated with the sequence $\{W_n(a,b;p,q)\}$* , Fibonacci Quart. 1969 (7,1): 4-22, [fibqy>](#)
 - Horadam1974a, *Oresme numbers*, The Fibonacci Quarterly 1974 (12,3): 267-270, [fibqy>](#)
 - Horadam1974b, *On generating functions for powers of a generalized sequence of numbers*, Fibonacci Quart. 1974 (12,4) Part 1 to Part 4: 348 to 362, [fibqy>](#)
 - Horadam1978, *Wythoff pairs*, Fibonacci Quart. 1978 (16,2): 147-151, [fibqy>](#)
 - Horadam1985, *Gegenbauer polynomials revisited*, Fibonacci Quart. 1985 (23,4): 294-299, [fibqy>](#)
 - 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>](#)
 - Horadam1993, *Associated sequences of general order*, Fibonacci Quart. 1993 (31,2): 166-172, [fibqy>](#)
 - Horadam1994a, *Unique minimal representation of integers by negatively subscribed Pell numbers*, Fibonacci Quart. 1994 (32,3): 202-206, [fibqy>](#)
 - Horadam1994b, *Maximal representations of positive integers by Pell numbers*, Fibonacci Quart. 1994 (32,3): 240-244, [fibqy>](#)
 - Horadam1994c, *Applications of modified Pell numbers to representations*, Ulam Quart. Vol. 3, No. 1, 1994, [nat>](#)
 - Horadam1996a, *Jacobsthal representation numbers*, Fibonacci Quart. 1996 (34,1): 40-54, [fibqy>](#)
 - Horadam1996b, *Extension of a synthesis for a class of polynomial sequences*, Fibonacci Quart. 1996 (34,1): 68-74, [fibqy>](#)
 - Horadam1996c, *Polynomials associated with generalized Morgan-Voyce polynomials*, Fibonacci Quart. 1996 (34,4): 342-348, [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 Quart. 2002 (40,3): 212-222, [fibqy>](#)
 - Horadam2002b, *Vieta polynomials*, Fibonacci Quart.y 2002 (40,3): 223-232, [fibqy>](#)
 - HoradamFilipponi1991, *Cholesky algorithm matrices of Fibonacci type and properties of generalized sequences*, Fibonacci Quart. 1991 (29,2): 164-173, [fibqy>](#)
 - HoradamFilipponi1997, *Derivative sequences of Jacobsthal and Jacobsthal-Lucas polynomials*, Fibonacci Quart. 1997

(35,4): 352-357, [fibqy>](#)

- HoradamMahon1985, *Pell and Pell-Lucas polynomials*, Fibonacci Quart. 1985 (23,1): 7-20, [fibqy>](#)
- HoradamPethe1981, *Polynomials associated with Gegenbauer polynomials*, Fibonacci Quart. 1981 (19,5): 393-397, [fibqy>](#)
- HorzumKocer2009, *On some properties of Horadam polynomials*, Int. Math. Forum, 4, 2009, no. 25, 1243-1252, [gen>](#)
- Hosoya1976, *Fibonacci triangle*, Fibonacci Quart. 1976 (14,2): 173-179, [fibqy>](#)
- HoungaHounkonnouRonveaux2006, *New families of orthogonal polynomials*, J. Comput. Appl. Math. Vol. 193, Issue 2, Sept 2006, 474-483, [jou>](#)
- Howard1977, *Numbers generated by the reciprocal of $e^x - x - 1$* , Math. Comp. Vol. 31, No. 138, Apr 1977, 581-598, [gen>](#)
- Howard1979, *Bell polynomials and degenerate Stirling numbers*, Rend. Semin. Mat. Univ. Padova, tome 61 (1979), 203-219, [nat>](#)
- Howard1980, *Associated Stirling numbers*, Fibonacci Quart. 1980 (18,4): 303-315, [fibqy>](#)
- Howard1984, *Weighted associated Stirling numbers*, Fibonacci Quart. 1984 (22,2): 156-165, [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>](#)
- Howard1996, *Sums of powers of integers via generating functions*, Fibonacci Quart. 1996 (34,3): 244-256, [fibqy>](#)
- Howard2001, *A tribonacci identity*, Fibonacci Quart. 2001 (39,4): 352-357, [fibqy>](#)
- Howard2003, *The sum of squares of two generalized Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 80-84, [fibqy>](#)

- Howard2004, *A general lacunary recurrence formula*, Proc. 10th Int. Conf. on Fibonacci numbers and their Appl. 2004, Vol. 9, 121-135, [gen>](#)
- HowardCooper2011, *Some identities for r-Fibonacci numbers*, Fibonacci Quart. 2011 (49,3): 231-242, [fibqy>](#)
- Hsu1993, *A summation rule using Stirling numbers of the second kind*, Fibonacci Quart. 1993 (31,3): 256-262, [fibqy>](#)
- HsuHsu1991, *A unified treatment of a class of combinatorial sums*, Discrete Math. Vol. 90, Issue 2, 4 Jul 1991, 191-197, [gen>](#)
- HsuShiue1998, *A unified approach to generalized Stirling numbers*, Advances in Applied Math. Vol. 20, Issue 3, Apr 1998, 366-384, [gen>](#)
- Hu2002, *On Lucas v-triangles*, Fibonacci Quart. 2002 (40,4): 290-294, [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>](#)
- 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>](#)
- HuberYee2010, *Combinatorics of generalized q-Euler numbers*, J. Combin. Theory Ser. A, Vol. 117, Issue 4, May 2010, 361-388, [jou>](#)
- Hughes2001, *On the characteristic polynomial of a random unitary matrix and the Riemann zeta function*, Ph.D. thesis-University of Bristol (2001), [gen>](#)
- HuKim2014, *On hypergeometric Bernoulli numbers and polynomials*, arXiv (21 Aug 2014), [aXv>](#)
- HussainSingh1979, *Mixed generating relations for polynomials related to Konhauser biorthogonal polynomials*, 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>](#)
- HuSun Z-W.2001, *An extension of Lucas' theorem*, Proc. Amer. Math. Soc. Vol. 129, No. 12, 3471-3478, [nat>](#)
- HuSun Z-W.Liu2001, *Reciprocal sums of second-order recurrent sequences*, Fibonacci Quart. 39(2001), no. 3, 214–220, [fibqy>](#)

I

- IbrahimDarus2011, *On operator defined by double zeta functions*, Tamkang J. Math. Vol. 42, No. 2, 163-174, Summer 2011, [nat>](#)
- Ichikawa2012, *Arithmeticity of vector-valued Siegel modular forms*, 15th Hakuba Autumn Workshop, Nov 2 2012 (Saga University), [gen>](#)
- Ieronymou2014, *Congruences involving sums of ratios of Lucas sequences*, J. Integer Seq. Vol. 17 (2014), Article 14.8.8, [jis>](#)
- IhrigIsmail1981, *A q -Umbral Calculus*, J. Math. Anal. Appl. Vol. 84, Issue 1, Nov 1981, 178-207, [jou>](#)
- IkikardesSarigedik2013, *Some properties of the generalized Fibonacci and Lucas sequences related to the extended Hecke groups*, J. Inequal. Appl. 2013, 2013: 398, [jou>](#)
- ImRyu2002, *An analogue of Wiener measure and its applications*, J. Korean Math. Soc. 39 (2002), No. 5, p 801-819, [nat>](#)
- Inaba2005, *Hyper-sums of powers of integers and the Akiyama-Tanigawa matrix*, J. Integer Seq. Vol. 8 (2005), Article 05.2.7, [jis>](#)
- IrmakAlp2013, *Some identities for generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 331-338, [gen>](#)
- IserlesNorsett1988, *On the theory of biorthogonal*

polynomials, Trans. Amer. Math. Soc. Vol. 306, No. 2 (Apr., 1988), 455-474, [nat>](#)

- Ishikawa2007, Hankel determinants of Catalan, Motzkin and Schröder numbers and its q-analogues, RIMS, Kyoto University, October 23-26, 2007, [nat>](#)
- IshikawaTagawaZeng2009, *A q-analogue of Catalan Hankel determinants*, RIMS Kôkyûroku Bessatsu B11 (2009), 19-41, [nat>](#)
- IshikawaZeng2009, *The partition function of Andrews and Stanley and Al-Salam-Chihara polynomials*, Discrete Math. Vol. 309, Issue 1, Jan 2009, 151-175, [gen>](#)
- Ismail2001, *An operator calculus for the Askey-Wilson operator*, Ann. Comb. Dec 2001, Vol. 5, Issue 3-4, 347-362, [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>](#)
- IsmailescuSon2014, *A new kind of Fibonacci-like sequence of composite numbers*, J. of Integer Seq., Vol. 17 (2014), Article 14.8.2, [jis>](#)
- IsmailMansour2010, *q-analogues of Freud weights and nonlinear difference equations*, Advances in Applied Math. Vol. 45, Issue 4, Oct 2010, 518-547, [gen>](#)
- IsmailMasson1994, *q-Hermite polynomials, biorthogonal rational functions, and q-beta integrals*, Trans. Amer. Math. Soc. Vol. 346, No. 1, (Nov 1994), 63-116, [nat>](#)
- IsmailRahman1991, *The associated Askey-Wilson polynomials*, Trans. Amer. Math. Soc. Vol. 328, No. 1, (Nov 1991), 201-237, [nat>](#)
- IsmailRahmanSuslov1997, *Some summation theorems and transformations for q-series*, Can. J. Math. Vol. **49** (3), 1997, 543-567, [nat>](#)
- IsmailRashed1977, *Polynomials expansions and generating functions*, J. Math. Anal. Appl. Vol. 57, Issue 3, Sep 1963 1977, 457-477, [gen>](#)
- 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>](#)
- Ivic2008, *The Laplace and Mellin transforms of powers of the Riemann zeta-function*, arXiv (2 Jun 2006), [aXv>](#)
- IvicJutilaMotohashi2000, *The Mellin transform of powers of the zeta-function*, Acta Arithmetica, XCV.4 (2000), [gen>](#)
- 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>](#)

J

- 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>](#)
- J. Pita Ruiz V.2016, *Carlitz-type and other Bernoulli identities*, J. Integer Seq. Vol. 19 (2016), Article 16.1.8, [jis>](#)
- 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>](#)
- Jaiswal1974, *On polynomials related to Tchebichef polynomials of the second kind*, Fibonacci Quart. 1974 (12,3): 263-264, [fibqy>](#)
- Jang2008, *A new q-analogue of Bernoulli polynomials associated with p-adic q-integrals*, Abstr. Appl. Anal. Vol. 2008, Article ID 295307, 6 p, [gen>](#)
- JangKim2005, *q-analogue of Euler-Barnes' numbers and polynomials*, Bull. Korean Math. Soc. 42 (2005), No. 3, 491-499, [nat>](#)
- JangKwonRimSeo2014, *A note on q-analogue of lambda-Daehee polynomials*, Adv. Studies Theor. Phys., Vol. 8, 2014, no. 13, 589-597, [gen>](#)
- Janjic2010, *Hessenberg matrices and integer sequences*,

- J. Integer Seq. Vol. 13 (2010), Article 10.7.8, [jis>](#)
- Janjic2012, *Determinants and recurrence sequences*, J. Integer Seq. Vol. 15 (2012), Article 12.3.5, [jis>](#)
- Janson2013, *Euler-Frobenius numbers and rounding*, arXiv (15 May 2013), [aXv>](#)
- Jarden1967, *A new important formula for Lucas numbers*, Fibonacci Quart. 1967 (5,4): 346, [fibqy>](#)
- JaroszewskiKwasniewski1998, *Some extensions of properties of the sequence of reciprocal Fibonacci polynomials*, Fibonacci Quart. 1998 (36,4): 348-353, [fibqy>](#)
- Jean-LouisNkwanta2013, *Some algebraic structure of the Riordan group*, Linear Algebra Appl. Vol. 438, Issue 5, Mar 2013, 2018-2035, [gen>](#)
- 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>](#)
- JhalaRathoreSisodiya2014a, *Some determinantal identities involving Pell polynomials*, Int. J. Scientific Innovative Math. Research Vol. 2, Issue 5, May 2014, 481-488, [gen>](#)
- JhalaRathoreSisodiya2014b, *Some properties of k-Jacobsthal numbers with arithmetic Indexes*, Turkish J. of Analysis and Number Theory, 2014 2 (4), 119-124, [nat>](#)
- JhalaSisodiyaRathore2013, *On some identities for k-Jacobsthal numbers*, Int. J. Math. Anal. (Ruse), Vol. 7, 2013, no. 12, 551-556, [gen>](#)
- JiaLiuWang2007, *q-analogs of generalized Fibonacci and Lucas polynomials*, Fibonacci Quart. 2007 (45,1): 26-34, [fibqy>](#)
- JinDickinson2000, *Apéry sequences and Legendre transforms*, J. Austral. Math. Soc. (Series A) 68 (2000), 349-356, [nat>](#)
- John1984, *On the asymptotic proportions of zeros and*

- ones in Fibonacci sequences*, Fibonacci Quart. 1984 (22,2): 144-145, [fibqy>](#)
- JolanyCorcino2014, *More properties on multi poly-Euler polynomials*, arXiv (24 Jan 2014), [aXv>](#)
 - JolanySharifiAliKelayie2013, *Some results for the Apostol-Genocchi polynomials of higher order*, Bull. Malays. Math. Sci. Soc. (2) 36(2) (2013), 465-479, [nat>](#)
 - Joshi2006, *Applications of Fibonacci numbers*, J. Int. Acad. Phys. Sci. Vol.10 (2006), 103-112, [nat>](#)
 - Joshi2013, *Fibonacci like sequences and characteristic properties*, Bull. Marathwada Math. Soc. Vol. 14, No. 2, Dec 2013, 25-34, [nat>](#)
 - JouhetLassZeng2003, *Sur une généralisation des coefficients binomiaux*, arXiv (3 Mar 2003), [aXv>](#)
 - Jun S.P.2015, *Complex factorizations of the generalized Fibonacci sequences {qn}*, Korean J. Math. 23 (2015), No. 3, 371-377, [nat>](#)

K

- Kaczorowski2015, *General omega-theorems for coefficients of L-functions*, : Proc. Amer. Math. Soc. 143 (2015), 5139-5145, [nat>](#)
- KaczorowskiMolteniPerelli1999, *Linear independence in the Selberg class*, C. R. Math. Acad. Sci. Soc. R. Can., 21(1):28-32, 1999, [nat>](#)
- KaczorowskiPerelli2011, *An omega-result for the difference of the coefficients of two L-functions*, Commentarii Mathematici Universitatis Sancti Pauli Vol. 60, No. 1, 2 2011, [gen>](#)
- Kahkeshani2013, *A generalization of the Catalan numbers*, J. Integer Seq. Vol. 16 (2013), Article 13.6.8, [jis>](#)
- Kalman1982, *Generalized Fibonacci numbers by matrix methods*, Fibonacci Quart. 1982 (20,1): 73-76, [fibqy>](#)
- Kamano2010a, *Sums of products of Bernoulli numbers, including poly-Bernoulli numbers*, J. Integer Seq. Vol.

- 13 (2010), Article 10.5.2, [jis>](#)
- Kamano2010b, *Sums of products of hypergeometric Bernoulli numbers*, J. Number Theory Vol. 130, Issue 10, Oct 2010, 2259-2271, [jou>](#)
 - Kamano2012, *Sums of products of poly-Bernoulli numbers of negative index*, J. Integer Seq. Vol. 15 (2012), Article 12.1.3, [jis>](#)
 - KamanoKomatsu2013, *Poly-Cauchy polynomials*, Moscow J. of Combin. and Number Theory 2013, Vol. 3, Issue 2, 61-87 [181-207], [nat>](#)
 - KamarujjamaHussainAftab1997, *On partly bilateral and partly unilateral generating relations*, Soochow J. Math. Vol. 23, No. 4, 359-363, Oct 1997, [nat>](#)
 - Kaneko1997, *Poly-Bernoulli numbers*, J. Théor. Nombres Bordeaux, tome 9, No. 1 (1997), 221-228, [nat>](#)
 - Kaneko2000, *The Akiyama-Tanigawa algorithm for Bernoulli numbers*, J. Integer Seq. Vol. 3 (2000), Article 00.2.9, [jis>](#)
 - 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>](#)
 - Kaplansky I.1943, *Solution of the “Problème des ménages”*, Bull. Amer. Math. Soc. 49 (1943), 784-785, [nat>](#)
 - KapraffAdamson2004, *Generalized Binet formulas, Lucas polynomials, and cyclic constants*, Forma 19, 355-366, 2004, [gen>](#)
 - 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>](#)
 - KarandePatil1981, *Expansion formulas for Srivastava polynomials in series of the Konhauser biorthogonal polynomials*, Indian J. Pure Appl. Math. **12**(9):124-1128, Sep 1981, [nat>](#)
 - KarandeThakare1973, *A note on the generating function of*

Laguerre polynomials, Current Sci. 1973 (42,15): 531, [gen>](#)

- KarandeThakare1976, *On the unification of Bernoulli and Euler polynomials*, Indian J. Pure Appl. Math. **6** (1), 98-107, [nat>](#)
- KarginKurt2013, *Some relations on Hermite matrix polynomials*, Math. Comput. Appl. Vol. 18, No. 3, 323-329, 2013, [gen>](#)
- KasraouiStantonZeng2011, *The combinatorics of Al-Salam-Chihara q -Laguerre polynomials*, Advances in Applied Math. Vol. 47, Issue 2, Aug 2011, 216-239, [gen>](#)
- Katriel2008, *On a generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.3.8, [jis>](#)
- KauersZeilberger2011, *The computational challenge of enumerating high-dimensional rook walks*, Adv. in Appl. Math. Vol. 47, Issue 4, (Oct 2011), 813-819, [gen>](#)
- KaygisizSahin2011, *Generalized Lucas numbers and relations with generalized Fibonacci numbers*, arXiv (10 Nov 2011), [aXv>](#)
- KaygisizSahin2012a, *Determinant and permanent of Hessenberg matrix and Fibonacci type numbers*, Gen. Math. Notes Vol. 9, No. 2, April 2012, 32-41, [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>](#)
- 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>](#)
- KaygisizSahin2013b, *Determinants and Permanents of Hessenberg matrices and generalized Lucas polynomials*, Bull. Iranian Math. Soc. Vol. 39 No. 6 (2013), 1065-1078, [nat>](#)

- KayllPerkins2009, *Combinatorial proof of an Abel-type identity*, J. Combin. Math. Combin. Comput. 2009, vol.70: 33-40, [jou>](#)
- KeepersYoung2008-09, *On higher order Lucas-Bernoulli numbers*, Fibonacci Quart. 2008-09 (46-47,1): 26-31, [fibqy>](#)
- KeleshteriMahmudov2015, *A q -umbral approach to q -Appell polynomials*, arXiv (19 May 2015), [aXv>](#)
- Kemeny1984, *Matrix representation for combinatorics*, J. Combin. Theory Ser. A, Vol. 36, Issue 3, May 1984, 279-306, [jou>](#)
- Khan1995, *On some operational representations of q -polynomials*, Czechoslovak Math. J. Vol. 45 (1995), No. 3, 457-464, [nat>](#)
- KhanAkhlaq2012, *A note on generating functions and summation formulas for Meixner polynomials of several variables*, Demonstratio Math. Vol. XLV, No. 1, 2012, [gen>](#)
- KhanAsif2012, *Jacobi type and Gegenbauer type generalization of certain polynomials*, Mat. Vesnik, 64, 2 (2012), 147-158, Jun 2012, [nat>](#)
- KhanHabibullah2012, *Extended Laguerre polynomials*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 22, 1089-1094, [gen>](#)
- KhanKwong1995, *Some invariant and minimum properties of Stirling numbers of the second kind*, Fibonacci Quart. 1995 (33,3): 203-205, [fibqy>](#)
- KidaUrata2013, *Involutions on generating functions*, J. Integer Seq. Vol. 16 (2013), Article 13.1.6, [jis>](#)
- Kılıç2008, *The Binet formula, sums and representations of generalized Fibonacci p -numbers*, European J. Combin. Vol. 29, Issue 3, Apr 2008, 701-711, [gen>](#)
- Kılıç2010, *The generalized Fibonomial matrix*, European J. Combin. Vol. 31, Issue 1, Jan 2010, 193-209, [gen>](#)
- KılıçArikan2013, *More on the infinite sum of reciprocal Fibonacci, Pell and higher order recurrences*, Appl. Math. Comput. Vol. 219, Issue 14, Mar 2013, 7783-7788,

[gen>](#)

- KılıçProdinger2014, *A note on the conjecture of Ramirez and Sirvent*, J. of Integer Seq. Vol. 17 (2014), Article 14.5.8, [jis>](#)
- KilicStanica2010, *The Lehmer matrix and its recursive analogue*, J. Combinat. Math. Combinat.Comput. 74 (2010), 193-205, [jou>](#)
- KılıçStanica2011, *A matrix approach for general higher order linear recurrences*, Bull. Malays. Math. Sci. Soc. (2) 34(1) (2011), 51-67, [nat>](#)
- KılıçTasci2005, *The linear algebra of the Pell matrix*, Bol. Soc. Mat. Mexicana (3) Vol. 11, 2005, [nat>](#)
- KılıçTasci2006, *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>](#)
- KılıçUlutasOmur2011, *A formula for the generating functions of powers of Horadam's sequence with two additional parameters*, J. Integer Seq. Vol. 14 (2011), Article 11.5.6, [jis>](#)
- Kim D.S.2010, *Identities of symmetry for q -Bernoulli polynomials*, Comput. Math. Appl. Vol. 60, Issue 8, Oct 2010, 2350-2359, [gen>](#)
- Kim D.S.2011, *Identities of symmetry for q -Euler polynomials*, Open J. Discrete Math. 2011, 1, 22-31, [gen>](#)
- Kim D.S.Kim T.2012, *Bernoulli basis and the product of several Bernoulli polynomials*, Int. J. Math. and Mathematical Sciences, Vol. 2012 (2012), Article ID 463659, 12 p, [gen>](#)
- Kim D.S.Kim T.2014a, *Barnes-type Narumi polynomials*, Adv. Difference Equ. 2014, 2014: 182, [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.2015, *Umbral calculus associated with Bernoulli polynomials*, J. Number Theory 147 (2015) 871-882, [jou>](#)

- Kim D.S.Kim T.KomatsuSeo2014, *Barnes-type Daehee polynomials*, arXiv (14 Jan 2014), [aXv>](#)
- 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>](#)
- Kim T.2008, *q -Bernoulli numbers associated with q -Stirling numbers*, Adv. Difference Equ. Vol. 2008, Article ID 743295, 10 p (Jan 2008), [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>](#)
- Kim2006a, *A note on q -Bernoulli numbers and polynomials*, J. Nonlinear Math. Phys. Vol. 13, Number 3 (2006), 315-322, [jou>](#)
- Kim2006b, *q -analogue of Euler- Barnes multiple zeta functions*, arXiv (6 Mar 2006), [aXv>](#)
- Kim2007a, *The modified q -Euler numbers and polynomials*, arXiv (18 Feb 2007), [aXv>](#)
- Kim2007b, *Carlitz q -Bernoulli numbers and q -Stirling numbers*, arXiv (24 Aug 2007), [aXv>](#)
- Kim2008, *q -Bernoulli numbers associated with q -Stirling numbers*, Adv. Difference Equ. Vol. 2008, Article ID 743295, 10 p, [gen>](#)
- 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>](#)
- 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>](#)
- Kim2014, *Bernoulli polynomials and convolution sums*, British J. of Math. and Computer Sci. 4 (3): 363-374,

2014, [nat>](#)

- Kimball1935, *A generalization of the Bernoulli polynomial of order one*, Fibonacci Quart. 1935 (?,:?) : 894-890, [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>](#)
- Kimberling2003, *Matrix transformations of Integer Sequences*, J. Integer Seq. Vol. 6 (2003), Article 03.3.3, [jis>](#)
- KimHwangKim2009, *Sums of products of q -Euler polynomials and numbers*, J. Inequal. Appl. Vol. 2009, Article ID 381324, 8 p, [jou>](#)
- KimKim2012a, *Applications of umbral calculus associated with p -adic invariant integrals on Z_p* , Abstr. Appl. Anal. Vol. 2012 (2012), Article ID 865721, 12 p, [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>](#)
- KimKim2012c, *A note on Carlitz q -Bernoulli numbers and polynomials*, Adv. Difference Equ. 2012, 2012: 44 , [gen>](#)
- KimKim2012d, *Arithmetic identities involving Bernoulli and Euler numbers*, Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 689797, 10 p, [gen>](#)
- KimKim2012e, *Some identities of Frobenius-Euler polynomials arising from umbral calculus*, Adv. Difference Equ. 2012, 2012: 196, [gen>](#)
- KimKim2013a, *A note on higher-order Bernoulli polynomials*, J. Inequal. Appl. 2013, 2013: 111, [jou>](#)
- KimKim2013b, *A note on the Hermite numbers and polynomials*, Math. Inequal. Appl. Vol. 16, No. 4 (2013), 1115-1122, [gen>](#)
- KimKim2013c, *Higher-order Cauchy of the first kind and*

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

- KimKim2013d, *Some identities arising from Sheffer sequences for the powers of Sheffer pairs under umbral calculus*, arXiv (29 Mar 2013), [aXv>](#)
- KimKim2013e, *Poisson-Charlier and poly-Cauchy mixed-type polynomials*, arXiv (4 Sep 2013), [aXv>](#)
- KimKim2013f, *Daehee numbers and polynomials*, arXiv (9 Sep 2013), [aXv>](#)
- KimKim2013g, *Higher-order Cauchy numbers and polynomials*, arXiv (12 Oct 2013), [aXv>](#)
- KimKim2013h, *Higher-order Daehee numbers and polynomials*, arXiv (17 Oct 2013), [aXv>](#)
- 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>](#)
- 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>](#)
- KimKimDolgyRim2013, *Some identities of higher-order Bernoulli, Euler, and Hermite polynomials arising from umbral calculus*, J. Inequal. Appl. 2013, 2013: 211, [jou>](#)
- KimKimJang2008, *On the q -extension of Apostol-Euler numbers and polynomials*, Abstr. Appl. Anal. Vol. 2008 (2008), Article ID 296159, 10 p, [gen>](#)
- KimKimKimDolgy2012, *A note on Eulerian polynomials*, Abstr. Appl. Anal. Vol. 2012 (2012), Article ID 269640, 10 p, [gen>](#)
- KimKimLee2013a, *A note on poly-Bernoulli polynomials arising from umbral calculus*, Adv. Studies Theor. Phys. Vol. 7, 2013, no. 15, 731-744, [gen>](#)
- 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, [gen>](#)
- KimKimLee2014, *Some identities for Bernoulli polynomials*

- involving Chebyshev polynomials*, J. Comput. Anal. Appl. Jan 2014, Vol. 16, Issue 1, 172, [jou>](#)
- KimKimLeeDolgy2014, *Some special polynomials and Sheffer sequences*, J. Comput. Anal. Appl. Jan 2014, Vol. 16, Issue 1, 702-712, [jou>](#)
 - KimKimLeeDolgyRim2011, *Some new identities on the Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2011, Article ID 856132, 11 p, [gen>](#)
 - KimKimLeeKim2012, *Some identities for the product of two Bernoulli and Euler polynomials*, Adv. Difference Equ. 2012, 2012: 95, [gen>](#)
 - KimKimLeeRim2013, *Some identities of Bernoulli, Euler and Abel polynomials arising from umbral calculus*, Adv. Difference Equ. 2013, 2013: 15, [gen>](#)
 - KimKimLeeRyoo2010, *Some Identities of Bernoulli numbers and polynomials associated with Bernstein polynomials*, Adv. Difference Equ. Vol. 2010, Article ID 305018, 7 p, [gen>](#)
 - KimKimMansourRimSchork2013, *Umbral calculus and Sheffer sequences of polynomials*, J. Math. Phys. 54, 083504 (2013), [jou>](#)
 - KimKimRim2012, *Umbral calculus and Euler polynomials*, Ars Comb. 112: 293-306 (2013), [aXv>](#)
 - KimKimRim2014, *Some identities of polynomials arising from umbral calculus*, J. Comput. Anal. Appl. Jan 2014, Vol. 16, Issue 1, 293-306, [aXv>](#)
 - KimKimRimDolgy2013a, *Sheffer sequences of polynomials and their applications*, Adv. Difference Equ. 2013, 2013: 118, [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>](#)
 - KimKimRimLee2012, *Hermite polynomials and their applications associated with Bernoulli and Euler numbers*, Discrete Dyn. Nat. Soc. Vol. 2012, Article ID 974632, 13 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>](#)
- KimMansour2014, *Umbral calculus associated with Frobenius-type Eulerian polynomials*, Russ. J. Math. Phys. Jun 2014, Vol. 21, Issue 4, 484-493, [nat>](#)
- KimRim2001, *Some q -Bernoulli numbers of higher order associated with p -adic q -integrals*, Indian J. Pure Appl. Math. 32 (10): 1565-1570, Oct 2001, [nat>](#)
- 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>](#)
- KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012: 201, [gen>](#)
- KimRimKim2012, *Some identities on Bernoulli and Euler polynomials arising from orthogonality of Legendre polynomials*, J. Inequal. Appl. 2012, 2012: 227, [jou>](#)
- 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>](#)
- KimRyooJangRim2005, *Exploring the q -Riemann zeta function and q -Bernoulli polynomials*, Discrete Dyn. Nat. Soc. Vol. 2005 (2005), Issue 2, 171-181, [gen>](#)
- KimShahidi1999, *Symmetric cube L-functions for GL_2 are entire*, Annals of Math. 150 (1999), 645-662, [gen>](#)
- KimSimsek2005, *Barnes' type multiple Changhee q -zeta functions*, arXiv (10 Fev 2005), [aXv>](#)
- KimSimsekSrivastava2005, *q -Bernoulli numbers and polynomials associated with multiple q -zeta functions and basic L-series*, arXiv (1 Fev 2005), [aXv>](#)
- KimSon2002, *Some remarks on a q -analogue of Bernoulli numbers*, J. Korean Math. **39** (2002), No. 2, 221-236, [nat>](#)
- KimStantonZeng2006, *The combinatorics of the Al-Salam-Chihara q -Charlier polynomials*, Sémin. Lothar. Combin. 54

- (2006), Article B54i, [gen>](#)
- KimZeng2001, *A new decomposition of derangements*, J. Combin. Theory Ser. A, Vol. 96, Issue 1, Oct 2001, 192-198, [jou>](#)
 - KimZeng2003, *Combinatorics of generalized Tchebycheff polynomials*, European J. Combin. Vol. 24, Issue 5, Jul 2003, 499-509, [gen>](#)
 - Kirillov2004, *Cauchy identities for universal Schubert polynomials*, J. Math. Sci. May 2004, Vol. 121, Issue 3, 2360-2370, [aXv>](#)
 - KitaevMansour2005, *Linear recurrences and Chebyshev polynomials*, Fibonacci Quart. 2005 (43,3): 256-261, [fibqy>](#)
 - Kjeldsen1993, *The early history of the moment problem*, Historia Mathematica, Vol. 20, Issue 1, Feb 1993, 19-44, [gen>](#)
 - Klarner1968, *Partitions of N into distinct Fibonacci numbers*, Fibonacci Quart. 1968 (6,4): 235-243, [fibqy>](#)
 - Klein1991, *Combinatorial representation of generalized Fibonacci numbers*, Fibonacci Quart. 1991 (29,2): 124-131, [fibqy>](#)
 - KletteZunic2000, *Interactions between number theory and image analysis*, CITR-TR-63 Tamaki, University of Auckland (2000), [nat>](#)
 - Knuth1992(Jul arxiv)1992, *Convolution polynomials*, arXiv (1 Jul 1992), [aXv>](#)
 - Koekoek1990a, *Generalizations of Laguerre polynomials*, J. Math. Anal. Appl. Vol. **153**, Issue 2, Dec 1990, 576-590, [jou>](#)
 - Koekoek1990b, *Generalizations of the classical Laguerre polynomials and some q -analogues*, Thesis-Technische Universiteit Delft (1990), [gen>](#)
 - Koekoek1992, *Generalizations of a q -analogue of Laguerre polynomials*, J. Approx. Theory **69**, 55-83 (1992), [jou>](#)
 - KoekoekKoekoek1999, *The Jacobi inversion formula*, arXiv (27 Aug 1999), [aXv>](#)
 - KoekoekLeskySwarttouw2013, *Hypergeometric orthogonal*

- polynomials and their q-analogues, Springer Monographs in Mathematics 2013, [gen>](#)
- KoekoekMeijer1993, *A generalization of Laguerre polynomials*, SIAM J. Math. Anal. 24-3 (1993), 768-782, [gen>](#)
 - Koelink1995, *Identities for q-ultraspherical polynomials and Jacobi functions*, Proc. Amer. Math. Soc. 123 (1995), 2479-2487, [nat>](#)
 - Koelink1996, *On Jacobi and continuous Hahn polynomials*, Proc. Amer. Math. Soc. 124 (1996), 887-898, [nat>](#)
 - KoelinkStokman1999, *The Askey-Wilson function transform scheme*, arXiv (23 Dec 1999), [aXv>](#)
 - KoepfSchmersau1998, *Representations of orthogonal polynomials*, J. Comp. Appl. Math. Vol. 90, Issue 1, Apr 1998, 57-94, [jou>](#)
 - Kohler1985, *Generating functions of Fibonacci-like sequences and decimal expansions of some fractions*, Fibonacci Quart. 1985 (23,1): 29-35, [fibqy>](#)
 - KökenBozkurt2008, *On the Jacobsthal-Lucas numbers by matrix method*, Int. J. Contemp. Math. Sci. Vol. 3, 2008, n-1633, [gen>](#)
 - Komatsu2012, *On poly-Cauchy numbers and polynomials*, Graduate School of Science and Technology Hirosaki University, Japan 3/14/2012, [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>](#)
 - KomatsuLaohakosol2010, *On the sum of reciprocals of numbers satisfying a recurrence relation of order s*, J. Integer Seq. Vol. 13 (2010), Article 10.5.8, [jis>](#)
 - 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>](#)
- KomoriMatsumotoTsumura201x, *A survey on the theory of multiple Bernoulli polynomials and multiple L-functions of root systems*, RIMS Kôkyôroku Bessatsu Bx (201x), 000–000, [nat>](#)
- Konhauser1967, *Biorthogonal polynomials suggested by the Laguerre polynomials*, Pacific J. Math. Vol. 21, No. 2, 1967, [nat>](#)
- Koornwinder1975, *A new proof of a Paley-Wiener type theorem for the Jacobi transform*, Arkiv för Matematik, 1975, Vol. 13, Issue 1-2, 145-159, [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>](#)
- Koornwinder1988, *Group theoretic interpretation of Askey's scheme of hypergeometric orthogonal polynomials*, Lecture Notes in Math. Vol. 1329, 1988, 46-72, [gen>](#)
- Koornwinder1990, *Jacobi functions as limit cases of q -ultraspherical polynomials*, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44-54, [jou>](#)
- 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>](#)
- Koornwinder2005b, *Nico Temme, the Askey scheme and me, 1968–2005*, published in *Liber Amicorum voor Nico Temme*, CWI, Amsterdam, 2005, 125-131, [gen>](#)
- 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>](#)
- 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>](#)
- 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>](#)
- KoornwinderSwarttouw1992, *On q -analogues of the Fourier and Hankel transforms*, Trans. Amer. Math. Soc. Vol. 333, No. 1, Sep 1992, [nat>](#)
- Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal’s triangle*, Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, [gen>](#)
- KotoulasAndreadis2005, *Image analysis using moments*, 5th Int. Conf. on Technology and Automation, Thessaloniki, Greece, (2005), 360-364, [gen>](#)
- Kouba2013, *Bernoulli polynomials and applications*, arXiv (29 Sep 2013), [aXv>](#)
- Koutras1994, *Eulerian numbers associated with sequences of polynomials*, Fibonacci Quart. 1994 (vol.32,1): 44-57, [fibqy>](#)
- Kozima2002, *Standard L-functions attached to vector valued Siegel modular forms*, Osaka J. Math. 39 (2002), 245-258, [nat>](#)
- KraSimanca2012, *On circulant matrices*, Notices AMS, Vol. 59, Number 3, 2012, [nat>](#)
- Krasovsky2011, *Aspects of Toeplitz determinants*, Progr. Probab. Vol. 64, 2011, 305-324 arXiv (18 Oct 2011), [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>](#)
- Krattenthaler1996, *A new matrix inverse*, Proc. Amer. Math. Soc. Vol. 124, No. 1, Jan 1996, [nat>](#)
- Krattenthaler2001, *Permutations with restricted patterns and Dyck paths*, Adv. Appl. Math. 27, 510–530 (2001),

[gen>](#)

- Krattenthaler2010, *Determinants of (generalised) Catalan numbers*, J. Statist. Plann. Inference Vol. 140, Issue 8, Aug 2010, 2260–2270 arXiv (10 Fev 2010), [aXv>](#)
- KrattenthalerOller-Marcén2012, *A determinant of generalized Fibonacci numbers*, arXiv (3 Apr 2012), [aXv>](#)
- 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>](#)
- Ksavrel of Zeng2002, *Nouvelles statistiques de partitions pour les q-nombres de Stirling de seconde espèce*, Discrete Math. Vol. 256, Issue 3, 28 Oct 2002, 743-758, [gen>](#)
- Kubo2009, *Generating functions of Jacobi polynomials*, Commun. Stoch. Anal. Vol. 3, No. 2 (2009) 249-267, [gen>](#)
- Kuhanapalanakul2013, *On the sums of reciprocal generalized Fibonacci numbers*, J. Integer Seq., Vol. 16 (2013), Article 13.7.1, [jis>](#)
- Kuijlaars1995, *Chebyshev-type quadrature and zeros of Faber polynomials*, J. Comput. Appl. Math. Vol. 62, Issue 2, Sep 1995, 155-179, [jou>](#)
- KuKuo1993, *Preconditioned iterative methods for solving Toeplitz-plus-Hankel systems*, SIAM J. Num. Anal. Vol. 30. No. 3, 824-825, Jun 1993, [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>](#)
- 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>](#)
- Kwasniewski2004a, *Towards psi -extension of finite*

operator calculus of Rota, arXiv (5 Feb 2004), [aXv>](#)

- Kwasniewski2004b, *First contact remarks on umbra difference calculus references streams*, arXiv (8 Mar 2004), [aXv>](#)
- Kwasniewski2005, *On psi-umbral extensions of Stirling numbers and Dobinski-like formulas*, arXiv (20 Oct 2005), [aXv>](#)
- KwonLittlejohn1997, *Classification of classical orthogonal polynomials*, J. Korean Math. Soc. 34 (1997), No. 4, 973-1008, [nat>](#)
- KwonYoon2000, *Generalized Hahn's theorem*, J. Comput. Appl. Math. Vol. 116, Issue 2, 15 Apr 2000, 243-262, [jou>](#)
- 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>](#)

L

- LabahnShalom1994, *Inversion of Toeplitz structured matrices using only standard equations*, Linear Algebra Appl. Vol. 207, Aug 1994, 49 -70, [gen>](#)
- Labelle1980, *Sur l'inversion et l'itération continue des séries formelles*, European J. Combin. Vol. 1, Issue 2, Jun 1980, 113-138, [gen>](#)
- LahiriSatyanarayana1995, *Certain bilateral generating relations for generalized hypergeometric functions*, Proc. Indian Acad. Sci. Math. Sci. (Aug 1995) Vol. 105, Issue 3, 297-301, [nat>](#)
- LamiriOuni2008, *d-orthogonality of Humbert and Jacobi type polynomials*, J. Math. Anal. Appl. Vol. 341, Issue 1, May 2008, 24-51, [jou>](#)
- Landau1980, *The classical moment problem : Hilbertian proofs*, J. Funct. Anal. 38, 255-272 (1980), [jou>](#)
- 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>](#)

- Lang2000, *On generalizations of the Stirling number triangles*, J. Integer Seq. Vol. 3 (2000), Article 00.2.4, [jis>](#)
- Lang2002, *On polynomials related to derivatives of the generating functions of Catalan numbers*, Fibonacci Quart. 2002 (40,4): 299-312, [fibqy>](#)
- Lang2009, *Combinatorial interpretation of generalized Stirling numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.3.3, [jis>](#)
- LasserObermaier2008, *A new characterization of ultraspherical polynomials*, Proc. Amer. Math. Soc. Vol. 136, No. 7, Jul 2008, 2493-2498, [nat>](#)
- Laurincikas2010, *Universality of the Riemann zeta-function*, J. Number Theory Vol. 130, Issue 10, Oct 2010, 2323-2331, [jou>](#)
- LavertuLevesque1985, *On Bernstein's combinatorial identities*, Fibonacci Quart. 1985 (23,4): 347-355, [fibqy>](#)
- Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67-84, [gen>](#)
- Layman2001, *The Hankel transform and some of its properties*, J. Integer Seq. Vol. 4 (2001), Article 01.1.5, [jis>](#)
- Lee G-Y.KimSho2003, *Generalized Fibonacci functions and sequences of generalized Fibonacci functions*, Fibonacci Quart. 2003 (41,2): 108-121, [fibqy>](#)
- Lee G-Y.Lee S-G.1995, *A note on generalized Fibonacci numbers*, Fibonacci Quart. 1995 (33,3): 273-278, [fibqy>](#)
- Lee J.Y.1994, *A note on the negative Pascal triangle*, Fibonacci Quart. 1994 (32,3): 269-270, [fibqy>](#)
- 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](#)

- Lee J-Z.Lee J-S.1988, *A note on the generalized Fibonacci numbers*, Fibonacci Quart. 1998 (26,1): 14-19, [fibqy](#)
- Lee P-A.1997, *Probability distribution and a generating function of Laguerre polynomials*, Bull. Inst. Math. Acad. Sin. (N.S.), [nat](#)
- Lee1997, *On some basic properties of the second-order inhomogeneous line-sequence*, Fibonacci Quart. 1997 (35,2): 111-121, [fibqy](#)
- 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](#)
- LeeJungKangRyoo2012, *Generalized (q,w) -Euler numbers and polynomials associated with p -adic q -integral on \mathbb{Z}_p* , Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 817157, 14 p, [gen](#)
- LeeKim2012, *Derivation of identities involving Bernoulli and Euler numbers*, Int. J. Math. Math. Sci. Vol. 2012 (2012), Article ID 598543, 14 p, [gen](#)
- 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](#)
- LeeRyoo2013, *A note on the generalized higher-order q -Bernoulli numbers and polynomials with weight α* , Taiwanese J. of Math. Vol. 17, No. 3, 785-800, 2013, [nat](#)
- LeeWong2011, *On Chebyshev's polynomials and certain combinatorial identities*, Bull. Malays. Math. Sci. Soc. (2) **34**(2) (2011), 279-286, [nat](#)
- Lehmer1935, *Lacunary recurrence formulas for the numbers of Bernoulli and Euler*, Ann. of Math. (2), Vol. 36, No. 3, (Jul 1935), 637-649, [nat](#)
- Lehmer1975, *Fibonacci and related sequences in periodic*

tridiagonal matrices, Fibonacci Quart. 1975 (13,2): 150-158, [fibqy>](#)

- Lehner2003, *Cumulants, lattice paths, and orthogonal polynomials*, Discrete Math. Vol. 270, Issues 1–3, Aug 2003, 177-191, [gen>](#)
- Lemurell2008, *Modular forms and L-functions with a partial Euler product*, J. Ramanujan Math. Soc., Vol.23, Issue 2, 2008, 105-121, [jou>](#)
- Lenart2000, *Lagrange Inversion and Schur Functions*, J. Algebraic Combin. 11 (2000), 69-78, [jou>](#)
- Lengyel1994, *On the divisibility by 2 of the Stirling numbers of the second kind*, Fibonacci Quart. 1994 (32,3): 194-201, [fibqy>](#)
- Lengyel1995, *The order of the Fibonacci and Lucas numbers*, Fibonacci Quart. 1995 (33,3): 234-239, [fibqy>](#)
- 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>](#)
- LenstraShallit1992, *Continued fractions and linear recurrences*, Math. Comp. Lewanowicz1996, *Recurrence relations for the connection coefficients* **61**, No. 203, Jul 1993, 351-354, [gen>](#)
- Levesque1985, *On m-th order linear recurrences*, Fibonacci Quart. 1985 (23,4): 290-293, [fibqy>](#)
- Levine1968, *Fibonacci sequences with identical characteristic values*, Fibonacci Quart. 1968 (6,5): 75-80, [fibqy>](#)
- Lewanowicz1986, *Properties of the polynomials associated with the Jacobi polynomials*, Math. Comp. **47**, No. 176, Oct 1986, 669-682, [gen>](#)
- 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, [jou>](#)
- Li2011, *On calculating the determinants of Toeplitz matrices*, J. Appl. M. Bioinformatics, vol.1, no.1, 2011, 55-64, [jou>](#)

- Li2014, *On Chebyshev polynomials, Fibonacci polynomials, and their derivatives*, J. Appl. Math. Vol. 2014, Article ID 451953, 8 p, [jou>](#)
- LiangWuyungaowa2012, *Identities involving generalized harmonic numbers and other special combinatorial sequences*, J. Integer Seq. Vol. 15 (2012), Article 12.9.6, [jis>](#)
- 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>](#)
- LindsayMansourShattuck2011, *A new combinatorial interpretation of a q -analogue of the Lah numbers*, J. Comb. Vol. 2 (2011), No. 2, 245-264, [jou>](#)
- LinTuSrivastava2001, *New generating functions for a class of generalized Hermite polynomials*, J. Math. Anal. and Appl. **261**, Issue 2, Sep 2001, 479-496, [jou>](#)
- Liu S-C.Masri2014, *Nonvanishing of Rankin–Selberg L -functions for Hilbert modular forms*, R. Ramanujan J (2014) 34: 227, [gen>](#)
- Liu1992, *A matrix method to solve linear recurrences with constant coefficients*, Fibonacci Quart. 1992 (30,1): 2-8, [fibqy>](#)
- Liu2001, *Identities and congruences involving higher-order Euler-Bernoulli numbers and polynomials*, Fibonacci Quart. 2001 (39,3): 279-284, [fibqy](#)
- Liu2002, *Formulas for convolution Fibonacci numbers and polynomials*, Fibonacci Quart. 2002 (40,4): 352-357, [fibqy>](#)
- Liu2006, *Congruences for higher-order Euler numbers*, Proc. Japan Acad. **82**, Series A, (2006), No. 3, 30-33, [nat>](#)
- Liu2008-2009, *An identity involving the Lucas numbers and Stirling numbers*, Fibonacci Quart. 2008/09 (46/47,2): 136-139, [fibqy>](#)
- Liu2009, *Arithmetic identities involving Genocchi and Stirling numbers*, Discrete Dynamics in Nature and

- Society Vol. 2009 (2009), Article ID 621068, 8 p, [gen>](#)
- LiuDingQi2012, *Gould-Hsu inversion chains and their applications*, J. of Math. Research with Applications, Mar 2012, Vol. 32, No. 2, 167-173, [jou>](#)
 - LiuLuo2005, *Some identities involving Bernoulli numbers*, Fibonacci Quart. 2005 (43,3): 208-212, [fibqy>](#)
 - LiuPanZhang2014, *On the integral of the product of the Appell polynomials*, Integral Transforms Spec. Funct. Vol.25, Issue 9, 2014, [gen>](#)
 - LiuQiDing2010, *Some recurrence relations for Cauchy numbers of the first kind*, J. Integer Seq. Vol. 13 (2010), Article 10.3.8, [jis>](#)
 - LiuSrivastava2006, *Explicit formulas for the Nordlund polynomial $B_n(x)$ and $b_n(x)$* , Comput. Math. Appl. Vol. 51, Issues 9–10, May 2006, 1377-1384, [gen>](#)
 - LiuSrivastavaWang2014, *Some formulas for a family of numbers analogous to the higher-order Bernoulli numbers*, J. Integer Seq. Vol. 17 (2014), Article 14.4.6, [jis>](#)
 - 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>](#)
 - LiuWang W.2012, *Harmonic number identities via hypergeometric series and Bell polynomials*, Integral Transforms Spec. Funct. Vol. 23, Issue 1, 2012, [gen>](#)
 - LiuYeh2010, *Catalan numbers modulo 2^k* , J. Integer Seq. Vol. 13 (2010), Article 10.5.4, [jis>](#)
 - 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>](#)
 - Loeb1992, *A generalization of the binomial coefficients*, Discrete Math. Vol. 105, Issues 1–3, 14 Aug 1992, 143-156, [gen>](#)
 - Long1981, *Pascal's triangle modulo p* , Fibonacci Quart. 1981 (19,5): 458-463, [fibqy>](#)
 - LongJordan1970, *A limted arithmetic on simple contined fractions – II*, Fibonacci Quart. 1970 (8,2): 135-157,

[fibqy](#)

- LouckBiedenharn1977, *A generalization of the Gauss hypergeometric series*, J. Math. Anal. Appl. Vol. 59, Issue 3, Jul 1977, 423-431, [jou](#)
- Loureiro2008, *Hahn's generalised problem and corresponding Appell polynomial sequences*, Thesis-Faculdade de Ciências da Universidade do Porto (Nov 2008), [gen](#)
- LoureiroZeng2013, *q-differential equations for q-classical polynomials and q-Jacobi-Stirling number*, arXiv (19 Sep 2013), [aXv](#)
- Luca2000, *Equations involving arithmetic functions of Fibonacci and Lucas numbers*, Fibonacci Quart. 2000 (38,1): 49-55, [fibqy](#)
- LucaHuguetNicolae2009, *On the Euler function of Fibonacci numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.6.6, [jis](#)
- LucaPorubsky2003, *The multiplicative group generated by the Lehmer numbers*, Fibonacci Quart. 2003 (vol.41,2): 122-132, [fibqy](#)
- LucaShparlinski2008, *Arithmetic properties of Apéry numbers*, J. London Math. Soc. (2008) 78 (3): 545-562, [nat](#)
- LuchkoKiryakova2013, *The Mellin integral transform in fractional calculus*, Fract. Calc. Appl. Anal. Vol. 16, No. 2, (2013), [gen](#)
- 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](#)
- 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](#)
- LuLuo2013b, *Some generalizations of 2D Bernoulli polynomials*, J. Inequal. Appl. 2013, **2013**: 110, [jou](#)
- Luo2006, *Apostol-Euler polynomials of higher order and Gaussian hypergeometric functions*, Taiwanese J. of Math.

Vol. 10, No. 4, 917-925, 2006, [nat>](#)

- Luo2009a, *Fourier expansions and integral representations for Genocchi polynomials*, J. Integer Seq., Vol. 12 (2009), Article 09.1.4, [jis>](#)
- 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>](#)
- LuoGuoQiDebnath2003, *Generalizations of the Bernoulli numbers and polynomials*, Int. J. of Math. and Mathematical Sciences, , vol. 2003, no. 59, 3769-3776, [gen>](#)
- 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>](#)
- 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, [gen>](#)
- 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>](#)
- 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>](#)
- LuzonMoron2008, *Ultrametrics, Banach's fixed point theorem and the Riordan group*, Discrete Appl. Math.. Vol. 156, Issue 14, Jul 2008, 2620-2635, [gen>](#)
- LuzonMoron2009, *Riordan matrices in the reciprocation of quadratic polynomials*, Linear Algebra Appl. Vol. 430, Issues 8–9, Apr 2009, 2254-2270, [gen>](#)
- LuzonMoron2010, *Recurrence relations for polynomial sequences via Riordan matrices*, Linear Algebra Appl. Vol. 433, Issue 7, Dec 2010, 1422-1446, [gen>](#)
- LvHuang2007, *A note on inversion of Toeplitz matrices*, Applied Math. Letters Vol. 20, Issue 12, Dec 2007, 1189-1193, [gen>](#)
- LvHuang2013, *The inverses of block Toeplitz matrices*, J. of Math. Vol. 2013 (2013), Article ID 207176, 8 p, [jou>](#)

M

- Ma1998, *A generalization of the Kummer identity and its application to Fibonacci-Lucas sequences*, Fibonacci Quart. 1998 (36,4): 339-347, [fibqy>](#)
- MadhekarThakare1982, *Biorthogonal polynomials suggested by the Jacobi polynomials*, Pacific J. Math. Vol. 100, No. 2 (1982), 417-424, [nat>](#)
- Mahajan2014, *The Binet forms for the Fibonacci and Lucas numbers*, Int. J. of Math. Trends and Technology Vol.10, No. 1, Jun 2014, [gen>](#)
- Mahmudov2012a, *A new class of generalized Bernoulli polynomials and Euler polynomials*, arXiv (31 Jan 2012), [aXv>](#)
- 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>](#)

- 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>](#)
- MahmudovKeleshteri2014, \square -extensions for the Apostol type polynomials, J. Appl. Math. Vol. 2014 (2014), Article ID 868167, 8 p, [jou>](#)
- MahmudovMomemzadeh2014, *On a class of q -Bernoulli, q -Euler and q -Genocchi polynomials*, arXiv (18 Jan 2014), [aXv>](#)
- MahonHoradam1985, *Inverse trigonometrical summation formulas involving Pell polynomials*, Fibonacci Quart. 1985 (23,4): 319-324, [fibqy>](#)
- MahonHoradam1987a, *Pell Polynomial Matrices*, Fibonacci Quart. 1987 (25.1): 21-28, [fibqy>](#)
- MahonHoradam1987b, *Ordinary generating functions for Pell polynomials*, Fibonacci Quart. 1987 (25.1): 45-56, [fibqy>](#)
- MaldonadoPradaSenosiain2007, *Basic Appell sequences*, Taiwanese J. of Math. Vol. 11, No. 4, 1045-1055, 2007, [nat>](#)
- MaltaisGulliver1998, *Pascal matrices and Stirling numbers*, AppL Math. Lett. Vol. 11, Issue 2, Mar 1998, 7-11, [gen>](#)
- 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>](#)
- Mansour2002a, *Combinatorial identities and inverse binomial coefficients*, Adv. in Appl. Math. **28**, Issue 2, Feb 2002, 196-202, [gen>](#)
- Mansour2002b, *Continued fractions and generalized patterns*, European J. Combin. Vol. 23, Issue 3, Apr 2002, 329-344, [gen>](#)

- Mansour2004a, *A formula for the generating functions of powers of Horadam's sequence*, Australas. J. Combin. Vol. 30 (2004), 207-212, [nat>](#)
- Mansour2004b, *Rational identities and inequalities*, J. of Inequalities in Pure and Applied Math. Vol. 5, Issue 3, Article 75, 2004, [jou>](#)
- Mansour2004c, *Restricted 132-Dumont permutations*, Australas. J. Combin. Vol. 29 (2004), 103–117, [nat>](#)
- Mansour2005, *Generalizations of some identities involving the Fibonacci numbers*, Fibonacci Quart. 2005 (43,4): 307-315, [fibqy>](#)
- Mansour2006, *Combinatorial methods and recurrence relations with two indices*, J. Difference Equ. Appl. Vol. 12, Issue 6, 2006, [jou>](#)
- MansourSchork2013, *The generalized Touchard polynomials revisited*, Appl. Math. Comput. Vol. 219, Issue 19, Jun 2013, 9978-9991, [gen>](#)
- MansourSchorkShattuck2012, *The generalized Stirling and Bell numbers revisited*, J. Integer Seq., Vol. 15 (2012), Article 12.8.3, [jis>](#)
- MansourSchorkSun2007, *Motzkin numbers of higher rank: generating function and explicit expression*, J. Integer Seq., Vol. 10 (2007), Article 07.7.4, [jis>](#)
- MansourShattuck2011, *A recurrence related to the Bell numbers*, Integers 11 (2011), [gen>](#)
- MansourShattuck2012, *Polynomials whose coefficients are k-Fibonacci numbers*, Ann. Math. Inform. **40** (2012) p 57-76, [nat>](#)
- MansourShattuck2013a, *A combinatorial approach to a general two-term recurrence*, Discrete Appl. Math. Vol. 161, Issues 13–14, Sep 2013, 2084-2094, [gen>](#)
- MansourShattuck2013b, *Polynomials whose coefficients are generalized Tribonacci numbers*, Appl. Math. Comput. Vol. 219, Issue 15, Apr 2013, 8366-8374, [gen>](#)
- MansourSun2009, *Identities involving Narayana polynomials and Catalan numbers*, Discrete Math. Vol. 309, Issue 12, Jun 2009, 4079-4088, [gen>](#)

- 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*, Sém. Lothar. Combin. 47 (2002), Article B47c, [gen>](#)
- MarcellanMedem1999, *Q -classical orthogonal polynomials: a very classical approach*, Electron. Trans. Numer. Anal. Vol. 9, 1999, 112-127, [gen>](#)
- MarcellanXu2015, *On Sobolev orthogonal polynomials*, Expo. Math. Vol. 33, Issue 3, 2015, 308-352, [gen>](#)
- Maroni daRocha2012, *Connection coefficients for orth. polyn.: symbolic computations, verifications and demonstrations in the Mathematica language*, Numerical Algorithms, Vol. 60 (2012), No. 3, [gen>](#)
- MaroniMejri2005, *Generalized Bernoulli polynomials revisited and some other Appell sequences*, Georgian Math. J. Vol. 12 (2005), Number 4, 697–716, [nat>](#)
- Marques2012, *Fibonomial coefficients at most one away from Fibonacci numbers*, Demonstratio Math. Vol. XLV No 1 2012, [gen>](#)
- MarquesTrojovsky2012, *On divisibility of Fibonomial coefficients by 3*, J. Integer Seq. Vol. 15 (2012), Article 12.6.4, [jis>](#)
- MartinezPortaThomas2006, *A matrix-based approach to the image moment problem*, [J. Math. Imaging Vision, jou>](#)
- März2014, *Functions of difference matrices are Toeplitz plus Hankel*, SIAM Review 56.No.3 (2014), p 525 546, [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>](#)

- MaysWojciechowski2000, *A determinant property of Catalan numbers*, Discrete Math. Vol. 211, Issues 1–3, Jan 2000, 125–133, [gen>](#)
- Mc LaughlinSury(add)2005, *Addendum to: Powers of a matrix and combinatorial identities*, Integers 5 (2005), [gen>](#)
- McCarty1981, *A formula for tribonacci numbers*, Fibonacci Quart. 1981 (19,5): 391-393, [fibqy>](#)
- 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>](#)
- MedemAlvarez-NodarseMarcellan2001, *On the q -polynomials: a distributional study*, J. Comput. Appl. Math. Vol. 135, Issue 2, Oct. 2001, 157-196, [jou>](#)
- MeekVan Rees1984, *The solution on an iterated recurrence*, Fibonacci Quart. 1984 (22,2): 101-104, [fibqy>](#)
- MeijerPimar2003, *A generating function for Laguerre–Sobolev orthogonal polynomials*, J. Approx. Theory Vol. 120, Issue 1, Jan 2003, 111-123, [jou>](#)
- Meinke2011, *Fibonacci numbers and associated matrices*, Thesis-Kent State University (Aug 2011), [gen>](#)
- 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>](#)

- MelhamJennings1995, *On the general linear recurrence relation*, Fibonacci Quart. 1995 (33,2): 142-146, [fibqy>](#)
- MelhamShannon1995a, *Some summation identities using generalized Q-matrices*, Fibonacci Quart. 1995 (33,1): 64-73, [fibqy>](#)
- MelhamShannon1995b, *A generalization of the Catalan identity and some consequences*, Fibonacci Quart. 1995 (33,1): 82-84, [fibqy>](#)
- MelhamShannon1995c, *On reciprocal sums of Chebyshev related sequences*, Fibonacci Quart. 1995 (33,3): 194-202, [fibqy>](#)
- Mendès-France vanderPoortenShallit1998, *On lacunary formal power series and their continued fraction expansion*, To Andrzej Schinzel on his 60th birthday, [gen>](#)
- Meredith2003, *On polynomials of Sheffer type arising from a Cauchy problem*, Int. J. Math. Math. Sci. Vol. 2003 (2003), Issue 33, 2119-2137, [gen>](#)
- Merlini2011, *A survey on Riordan arrays*, Dec 13, 2011, Paris, [gen>](#)
- MerliniRogersSprugnoliVerri1997, *On some alternative characterizations of Riordan arrays*, Can. J. Math. Vol. 49 (2), 1997, 301-320, [nat>](#)
- MerliniSprugnoli2007, *Playing with some identities of Andrews*, J. Integer Seq. Vol. 10 (2007), Article 07.9.5, [jis>](#)
- MerliniSprugnoliVerri2005, *The Akiyama-Tanigawa transformation*, Integers 5 (2005), [gen>](#)
- MerliniSprugnoliVerri2006, *The Cauchy numbers*, Discrete Math. Vol. 306, Issue 16, Aug 2006, 1906-1920, [gen>](#)
- MerliniSprugnoliVerri2007, *The method of coefficients*, Amer. Math. Monthly, Vol. 114, No. 1 (Jan., 2007), 40-57, [nat>](#)
- MerliniSprugnoliVerri2009, *Combinatorial sums and implicit Riordan arrays*, Discrete Math. Vol. 309, Issue 2, 28 Jan 2009, 475-486, [gen>](#)

- Mezò2009, *Several generating functions for second-order recurrence sequences*, J. Integer Seq. Vol. 12 (2009), Article 09.3.7, [jis>](#)
- 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>](#)
- 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>](#)
- Miceli2011, *Two q -analogues of poly-Stirling numbers*, J. Integer Seq. Vol. 14 (2011), Article 11.9.6, [jis>](#)
- MihoubiBelbachir2014, *Linear recurrences for r -Bell polynomials*, J. Integer Seq. Vol. 17 (2014), Article 14.10.6, [jis>](#)
- MihoubiMaamra2011, *Touchard polynomials, partial Bell polynomials and polynomials of binomial type*, J. Integer Seq. Vol. 14 (2011), Article 11.3.1, [jis>](#)
- MihoubiMahdid2012, *The inverse of power series and the partial Bell polynomials*, J. Integer Seq. Vol. 15 (2012), Article 12.3.7, [jis>](#)
- MihoubiRahmani2013, *The partial r -Bell polynomials*, arXiv (5 Aug 2013), [aXv>](#)
- 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>](#)
- Miles, Jr.1960, *Generalized Fibonacci numbers and associated matrices*, Amer. Math. Monthly, Vol. 67, No. 8 (Oct., 1960), 745-752, [nat>](#)
- MilinovichTurnage-Butterbaugh2014, *Moments of products of automorphic L -functions*, J. Number Theory 139 (2014) 175–204, [gen>](#)
- MillerSrivastava1998, *On the Mellin transform of a product of hypergeometric functions*, J. Austral. Math. Soc. Ser. B 40(1998), 222–237, [nat>](#)
- Mills1975, *Continued Fractions and Linear Recurrences*,

- Math. Comp. Vol. 29, No 129, Jan 1975, 173-180, [gen>](#)
- Milne1990, *Modular functions and modular forms*, Math 678, University of Michigan, Fall 1990, [gen>](#)
 - MilovanovicCvetkovici2003, *An application of little 1/q-Jacobi polynomials to summation of certain series*, Facta Universitatis (NIS) Ser. Math. Inform. 18 (2003), 31–46, [gen>](#)
 - Mittal1972, *Polynomials defined by generating functions*, Trans. Amer. Math. Soc. Vol. 168, Jun 1972, 73-84, [nat>](#)
 - MizrahiGaletti2002, *Laguerre moments and generalized functions*, J. Phys. A: Math. Gen. 35 (2002) 3535-3546, [jou>](#)
 - Moak1981, *The g-analogue of the Laguerre polynomials*, J. Math. Anal. Appl. 81, 20d7 (1981), [jou>](#)
 - Mohanty1976, *Interesting properties of Laguerre polynomials*, Fibonacci Quart. 1976 (14,1): 42, [fibqy>](#)
 - MollVignat2014, *Generalized Bernoulli numbers and a formula of Lucas*, arXiv (12 Feb 2014), [aXv>](#)
 - Momiyama2001, *A new recurrence formula for Bernoulli numbers*, Fibonacci Quart. 2001 (39,3): 285-288, [fibqy>](#)
 - 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>](#)
 - Moree2004, *Convolved convolved Fibonacci numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.2.2, [jis>](#)
 - MorenoGarcia-Caballero2009, *Non-standard orthogonality for the Little q-Laguerre polynomials*, Applied Math. Letters Vol. 22, Issue 11, Nov 2009, 1745-1749, [gen>](#)
 - MorenoGarcia-Caballero2010, *Non-classical orthogonality relations for big and little q-Jacobi polynomials*, J. Approx. Theory Vol. 162, Issue 2, Feb 2010, 303-322,

[jou>](#)

- MorenoGarcia-Caballero2011a, *q-Sobolev orthogonality of the q-Laguerre polynomials* { $L_n^q(-N) ; q\}$ } $n=0^\infty$ for positive integers N, J. Korean Math. Soc. 48 (2011), No. 5, 913-926, [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>](#)
- Movasati2008, *Arithmetic of elliptic curves and modular forms*, xxxx, [gen>](#)
- MubeenRahmanRehmanNaz2014, *Contiguous function relations for k-hypergeometric functions*, Mathematical Analysis Vol. 2014 (2014), Article ID 410801, 6 p., [gen>](#)
- 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>](#)
- MukherjeeMaiti1988, *On Some Properties of Positive Definite Toeplitz Matrices and Their Possible Applications*, Linear Algebra Appl. 102:211-240 (1988), [gen>](#)
- Mukundan2009, *A comparative analysis of radial-Tchebichef moments and Zernike moments*, British Machine Vision Conference, BMVC 2009, London, UK, Sep 7-10, 2009, [gen>](#)
- MukundanOngLee P.A.2001, *Image analysis by Tchebichef moments*, IEEE Trans. Image Processing, 10(9):1357-64 · Feb 2001, [gen>](#)
- Munarini2005, *Generalized q-Fibonacci numbers*, Fibonacci Quart. 2005 (43,3): 233-242, [fibqy>](#)
- MunotMathur1982, *On a multilateral generating function for the extended Jacobi polynomials*, Indian J. Pure Appl. Math. **13**(5): 597-600, May 1982, [nat>](#)
- Muntingh2012, *Implicit divided differences, little*

Schröder numbers, and Catalan numbers, J. Integer Seq. Vol. 15 (2012), Article 12.6.5, [jis>](#)

- Murty1991, Elliptic curves and modular forms, Canad. Math. Bull. Vol. 34 (3), 1991 pp. 375-384, [gen>](#)
- Musicus1988, Levinson and fast Choleski algorithms for Toeplitz and almost Toeplitz matrices, RLE Technical Report No. 538, [gen>](#)
- Muskat1993, Generalized Fibonacci and Lucas sequences and rootfinding methods, Math. Comp. **61** (1993), 365-372, [gen>](#)

N

- Nagel1994, The relativistic Hermite polynomial is a Gegenbauer polynomial, J. Math. Phys. 35, 1549 (1994), [jou>](#)
- NakamuraZhedanov2004, Toda Chain, Sheffer class of orthogonal polynomials and combinatorial numbers, Proc. of Institute of Math. of NAS of Ukraine 2004, Vol. 50, Part 1, 450-457, [nat>](#)
- NalliHaukkanen2009, On generalized Fibonacci and Lucas polynomials, Chaos Solitons 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>](#)
- Nash1976, Some operational formulas, Fibonacci Quart. 1976 (14,1): 1-8, [fibqy>](#)
- NataliniBernardini2003, A generalization of the Bernoulli polynomials, J. Appl. Math. Vol. 2003 (2003), Issue 3, 155-163, [jou>](#)
- NataliniRicci2006, Laguerre-type Bell polynomials, Int. J. Math. Math. Sci. Vol. 2006, Article ID 45423, 1-7, [gen>](#)
- NavasRuizVarona2012, Old and new identities for Bernoulli polynomials via Fourier series, Int. J. Math.

- Neuschel2012, *Asymptotics for ménage polynomials and certain hypergeometric polynomials of type 3F1*, J. Approx. Theory 164 (2012) 981-1006, [jou>](#)
- 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>](#)
- Nguyen2010, *Sums of products of hypergeometric Bernoulli polynomials*, MAA-NJ Section -Spring Meeting Middlesex County College, NJ Apr 10, 2010, [gen>](#)
- Nguyen2013, *Generalized binomial expansions and Bernoulli polynomials*, Integers 13 (2013), [gen>](#)
- NguyenCheong2014, *New convolution identities for hypergeometric Bernoulli polynomials*, J. Number Theory Vol. 137, April 2014, 201-221, [jou>](#)
- Nikolova2012, *α -Mellin transform and one of its applications*, Mathematica Balkanica, New Series Vol. 26, 2012, Fasc. 1-2, [nat>](#)
- 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*, 15th Conf. African American Researchers Math. Sci.-Rice Univ., Jun 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>](#)
- NkwantaBarnes2012, *Two Catalan-type Riordan arrays and their connections to the Chebyshev polynomials of the first kind*, J. Integer Seq. Vol. 15 (2012), Article 12.3.3, [jis>](#)

- NkwantaKnox1999, *A note on Riordan matrices*, Thesis-Contemp. Math. Vol. 252. 1999, Howard University, Washington, DC 1997, [gen>](#)
- NkwantaShapiro2005, *Pell walks and Riordan matrices*, Fibonacci Quart. 2005 (43,2): 170-180, [fibqy>](#)
- NkwantaTefera2013, *Curious relations and identities involving the Catalan generating function and numbers*, J. of Integer Seq. Vol. 16 (2013), Article 13.9.5, [jis>](#)
- Noe2006, *On the divisibility of generalized central trinomial coefficients*, J. of Integer Seq., Vol. 9 (2006), Article 06.2.7, [jis>](#)
- 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>](#)
- NymannSaenz1999, *Eulerian numbers: inversion formulas and congruences modulo a prime*, Fibonacci Quart. 1999 (37,2): 154-161, [fibqy>](#)
- NyulRacz2014, *The r-Lah numbers*, Discrete Math. Vol. 338, Issue 10, Oct. 2015, 1660-1666, [gen>](#)

0

- OberleScottGilbertHatcherAddis1993, *Mellin transforms of a generalization of Legendre polynomials*, J. Comp. Appl. Math. 45 (1993), 367-369, [jou>](#)
- ÖcalTugluAltinisik2006, *On the representation of k-generalized Fibonacci and Lucas numbers*, Applied Math. Comp. Vol. 170, Issue 1, 584-596 (1 Nov 2005), [gen>](#)
- OdakeSasaki2008, *Orthogonal polynomials from Hermitian matrices*, arXiv (27 feb 2008), [aXv>](#)
- Ogg1975, *Diophantine equations and modular forms*, Bull. AMS Vol. 81, Number 1, Jan 1975, [gen>](#)

- OhtsukaNakamura2008-09, *On the sum of reciprocal Fibonacci numbers*, Fibonacci Quart. 2008/2009 (46/47,2), 153-159, [fibqy>](#)
- ÖksüzerKarsliYesildal2015, *Order of approximation by an operator involving biorthogonal polynomials*, J. Inequal. Appl. (2015) 2015: 121, [jou>](#)
- OkudaUeno2004, *Relations for multiple zeta values and Mellin transforms of multiple polylogarithms*, Publ. RIMS, Kyoto Univ. **40** (2004), 537-564, [nat>](#)
- OmarMazhouda2010, *The Li criterion and the Riemann hypothesis for the Selberg class II*, J. Number Theory 130 (2010) 1098-1108, [gen>](#)
- ÖnerDanisTurkunHatinogluXXXX, *Other generating functions*, Math 543 Bonus Project 1-Bilkent Univ. (Ankara) Turkey, [gen>](#)
- Oosthuisen2011, *The Mellin transform*, This project is supported by the National Research Foundation (NRF) (2011), [gen>](#)
- Oruç2007, *LU factorization of the Vandermonde matrix and its applications*, Applied Math. Letters Vol. 20, Issue 9, Sep 2007, 982-987, [gen>](#)
- Ostrovska2007, *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>](#)
- Ostrovska2010, *On the approximation of analytic functions by the q -Bernstein polynomials in the case $q > 1$* , Electron. Trans. Numer. Anal. Vol. 37, p 105-112, 2010, [gen>](#)
- Ozarslan2013, *Hermite-based unified Apostol-Bernoulli, Euler and Genocchi polynomials*, Adv. Difference Equations 2013, **2013**: 116, [gen>](#)
- OzdenSimsek2013, *Unified representation of the family of L-functions*, J. Inequal. Appl. 2013, 2013: 64, [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>](#)

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

P

- PacharoniZurrian2014, *Matrix ultraspherical polynomials: the 2×2 fundamental cases*, arXiv (31 may 2014), [aXv>](#)
- pahio2013, *Generating function of Laguerre polynomials*, xxxx, [xxxx>](#)
- Pan2012, *Matrix decomposition of the unified generalized Stirling nbs. and inversion of the generalized factorial matrices*, J. Integer Seq. Vol. 15 (2012), Article 12.6.6, [jis>](#)
- 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>](#)
- Pan2014, *On divisibility of sums of Apéry polynomials*, J. Number Theory, Vol. 143, Oct 2014, 214-223, [jou>](#)
- PanarioSahinWang2013, *A family of Fibonacci-like conditional sequences*, Integers 13 (2013), [gen>](#)
- Panchishkin2007, *L-functions of Siegel modular forms, their families and lifting conjectures*, Modulformen, Oct 29-Nov 2 2007, (Oberwolfach, Germany), [gen>](#)
- Panchishkin2011, *Families of Siegel modular forms, L-functions and modularity lifting conjectures*, Israel J. of Math. Oct 2011, 185: 343, [nat>](#)
- 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, [jou>](#)
- Pandey2013, *On some magnified Fibonacci numbers modulo a Lucas number*, J. Integer Seq. Vol. 16 (2013), Article 13.1.7, [jis>](#)
- PanSun Z-W.2006a, *New identities involving Bernoulli and*

Euler polynomials, J. Combin. Theory Ser. A, Vol. 113, Issue 1, Jan 2006, 156-175, [jou>](#)

- PanSun Z-W.2006b, *On q-Euler numbers, q-Salié numbers and q-Carlitz numbers*, Acta Arith. 124 (2006), no. 1, 41-57, [gen>](#)
- 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>](#)
- ParkKim2008, *On some arithmetical properties of the Genocchi numbers and polynomials*, Adv. Difference Equ. Vol. 2008, Article ID 195049, 14 p, [gen>](#)
- ParkRimKwon2013, *The hyper-geometric Daehee umbers and polynomials*, Turkish J. of Analysis and Number Theory 2013, Vol. 1, No. 1, 59-62, [nat>](#)
- 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>](#)
- Pastor2001, *Generalized Chebyshev polynomials and Pell–Abel equation*, Fundam. Prikl. Mat., 2001, Volume 7, Issue 4, Pages 1123-1145, [gen>](#)
- 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>](#)
- PeartWoan2000b, *A divisibility property for a subgroup of Riordan matrices*, Discrete Appl. Math. Vol. 98, Issue 3, Jan 2000, 255-263, [gen>](#)
- PeartWoodson1993, *Triple factorization of some Riordan matrices*, Fibonacci Quart. 1993 (31,2): 121-128, [fibqy>](#)
- PensonSixdeniers2001, *Integral representations of Catalan and related numbers*, J. Integer Seq. Vol. 4 (2001), Article 01.2.5, [jis>](#)
- Perelli2004, *A survey of the Selberg class of L-functions, part II*, Riv. Mat. Univ. Parma (7) 3 * (2004), 83-11, [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>](#)
- PérezPinar1996, *On Sobolev orthogonality for the generalized Laguerre polynomials*, J. Approx. Theory Vol. 86, Issue 3, Sep 1996, 278-285, [jou>](#)
- Petersen1996, Riemann zeta function, Lecture notes. Dept. of Math. Oregon State University, [gen>](#)
- Pethe1985, *On Lucas fundamental functions and Chebychev polynomial sequences*, Fibonacci Quart. 1985 (23,1): 57-65, [fibqy>](#)
- PetheHoradam1988, *Generalized Gaussian Lucas primordial functions*, Fibonacci Quart. 1988 (26,1): 20-30, [fibqy>](#)
- 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>](#)
- PetkovicRajkovicBarry2008, *On the Hankel transform of*

- generalized central trinomial coefficients*, Approximation and Computation, 2008, [gen>](#)
- PetkovicRajkovicBarry2011, *The Hankel transform of generalized central trinomial coefficients and related sequences*, Integral Transforms Spec. Funct. 2011 (vol.22,1): 29-44, [gen>](#)
 - Petrullo2009, *Cumulants and classical umbral calculus*, 62nd Sémin. Lothar. Combin. Heilsbronn (Germany), Feb 22-25, 2009, [gen>](#)
 - PhadkeThakare1979, *Generalized inverses and operator equations*, Linear Algebra Appl Vol. 23, Feb 1979, 191-199, [gen>](#)
 - PhilippouMakri1985, *Longest success runs and Fibonacci-type polynomials*, Fibonacci Quart. 1985 (23,4): 338-345, [fibqy>](#)
 - Piessens2000, *The Hankel transform*, Ch. 9, A. D. Poularikas, Editor-in-Chief, Transforms and Applications Handbook (Third Edition 2000), [gen>](#)
 - 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>](#)
 - PilipovicStojanovic1992, *The modified Mellin transform and convolution*, Univ. U Novom Sadu Zb. Ser. Mat. 22,2 (1992), 109-126, [nat>](#)
 - PintérSrivastava1999, *Generating functions of the incomplete Fibonacci and Lucas numbers*, Rend. Circ. Mat. Palermo (2), Tomo XLVII! (1999), 591-596, [nat>](#)
 - PittalugaSacripanteSrivaslava1999, *Some families of generating functions for the Jacobi and related orthogonal polynomials*, J. Math. Anal. Appl. **238**, Issue 2, Oct 1999, 385-417, [jou>](#)
 - Pla1994, *An “All or None” divisibility property for a class of Fibonacci-like sequences of integers*, Fibonacci Quart. 1994 (32,3): 226-227, [fibqy>](#)
 - Pla1997, *The sum of inverses of binomial coefficients*, Fibonacci Quart. 1997 (35,4): 342-345, [fibqy>](#)

- PoinsotDuchamp2010, *A formal calculus on the Riordan near algebra*, Adv. Appl. Discrete Math. 2010, 6 (1), 11-44, [gen>](#)
- Pommeret2000, *Orthogonality of the Sheffer system associated to a Levy process*, J. of Statist. Plann. Inference Vol. 86, Issue 1, 15 Apr 2000, 1-10, [jou>](#)
- Poonen1988, *Periodicity of a combinatorial sequence*, Fibonacci Quart. 1988 (26,1): 70-76, [fibqy>](#)
- Popov1985, *A note on the sums of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1985 (23,3): 238-239, [fibqy>](#)
- PradaSeniosain2004, *The classical umbral calculus: reading Blissard with the key given by G. C. Rota and B. D. Taylor*, Far East J. Math. Sci. (FJMS) Vol. 12, Issue 1, 121-136 (Jan 2004), [nat>](#)
- Prévost2000, Diophantine approximations using Padé approximations, J. Comp. Appl. Math. 122 (2000) 231-250, [jou>](#)
- Prodinger2009, *On the expansion of Fibonacci and Lucas polynomials*, J. Integer Seq. Vol. 12 (2009), Article 09.1.6, [jis>](#)
- Prodinger2014, *A short proof of Carlitz's Bernoulli number identity*, J. Integer Seq. Vol. 17 (2014), Article 14.4.1, [jis>](#)
- ProvostRatemi2011, *Polynomial expansions via embedded Pascal's triangles*, Acta Comment. Univ. Tartu. Math. Vol. 15, Number 1, 2011, [nat>](#)
- PurohitKalla2007, *On q-Laplace transforms of the q-Bessel functions*, Fract. Calc. Appl. Anal. Vol. 10, No. 2, (2007), 189-196, [gen>](#)

Q

- QiGuo2014, *Alternative proofs of a formula for Bernoulli numbers in terms of Stirling numbers*, Analysis 2014, 34 (3):311-317, [gen>](#)

- Qureshi2007, *A new version of the ménages problem*, arXiv (24 May 2007), [aXv>](#)

R

- 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>](#)
- Rabinowitz1999b, *Algorithmic manipulations of second-order linear recurrences*, Fibonacci Quart. 1999 (37,2): 162-176, [fibqy>](#)
- Radoux1992, *Déterminants de Hankel et théorème de Sylvester*, Sémin. Lothar. Combin. B28b (1992), 9 pp. [Formerly: Publ. I.R.M.A. Strasbourg], [gen>](#)
- Radoux2000, *Addition formulas for polynomials built on classical combinatorial sequences*, J. Comp. Appl. Math. Vol. 115, Issues 1–2, 1 Mar 2000, 471-477, [jou>](#)
- Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constanta Vol. 16 (2), 2008, 109-116, [nat>](#)
- RagamathunisaBegumManimegaliAbudhahirBaskar2016, *Evolutionary optimized discrete Tchebichef moments for image compression applications*, Turk J. Elec. Eng. Comp. Sci. (2016) 24: 3321-3334, [nat>](#)
- Rajaraman2012, *Asymptotic behaviour of permutations avoiding generalized patterns*, MATH 821-Final Projects Dec 2010, Simon Fraser University, [gen>](#)
- RajkovicPetkovićBarry2007, *The Hankel transform of the sum of consecutive generalized Catalan numbers*, Integral Transforms and Special Functions, Vol. 18, Issue 4, 2007, [aXv>](#)
- RamakrishnanShahi2007, *Siegel modular forms of genus 2 attached to elliptic curves*, Math. Res. Lett. 14

- (2007), no. 2, 315-332, [gen>](#)
- Ramirez2013a, *Incomplete \square -Fibonacci and \square -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), 36 -379, [gen>](#)
 - Ramirez2014, *On convolved generalized Fibonacci and Lucas polynomials*, Appl. Math. Comput. Vol. 229, Feb 2014, 208-213, [gen>](#)
 - RamirezSirvent2014, *Incomplete tribonacci numbers and polynomials*, J. Integer Seq. Vol. 17 (2014), Article 14.4.2, [jis>](#)
 - RamirezSirvent2015, *A q -analogue of the biperiodic Fibonacci sequence*, arXiv (23 Jan 2015), [aXv>](#)
 - RamirezSirvent2016, *A q -analogue of the bi-periodic Fibonacci sequence*, J. Integer Seq., Vol. 19 (2016), Article 16.4.6, [jis>](#)
 - RamprasadMadhuParihar2013, *Degenerated Bernoulli numbers and polynomials*, Int. J. of Physics and Mathemat.Sci. 2013 Vol. 3 (4) Oct-Dec, 23-29, [gen>](#)
 - RandicMoralesAraujo2008, *Higher-order Lucas numbers*, Divulg. Mat. Vol. 16, No. 2, (2008), 275-283, [gen>](#)
 - Randrianarivony1998, *Moments des polynômes orthogonaux unitaires de Sheffer généralisés et spécialisations*, European J. Combin. Vol. 19, Issue 4, May 1998, 507-518, [gen>](#)
 - RandrianarivonyZeng1994, *Sur une extension des nombres d'Euler et les records des permutations alternantes*, J. Combin. Theory Ser. A, Vol. 68, Issue 1, Oct. 1994, 86-99, [jou>](#)
 - RaniDevaraj2012, *Face recognition using Krawtchouk moment*, Sadhana^ Vol. 37, Part 4, Aug 2012, 441-460, [gen>](#)
 - Ratemi2013, *Embedded Pascal triangles and its*

- application for minimal cut sets of fault tree analysis*, Middle-East J. of Scientific Research 13 (Mathematical Appl. in Engineering): 90-96, 2013, [nat>](#)
- Ray1998, *Universal constructions in umbral calculus*, Progress in Math. Vol. 161, 1998, 343-357, [gen>](#)
 - Razpet1990, *An application of the umbral calculus*, J. Math. Anal. and Appl. Vol. **149**, Issue 1, Jun 1990, 1-16, [jou>](#)
 - RegevRoichman2005, *Generalized statistics on Sn and pattern avoidance*, European J. Combin. 26 (2005), 29-57, [gen>](#)
 - Ribet1995, *Galois representations and modular forms*, Bulletin (New Series) of the AMS Vol. 32, Number 4, Oct 1995, [nat>](#)
 - RimJeongLee2012, *Identities on the Bernoulli and Genocchi numbers and polynomials*, Int J. Math. Mathematical Sciences. Vol. 2012 (2012), Article ID 184649, 9 p, [gen>](#)
 - RimJinJeong2012, *Integral formulae of Bernoulli and Genocchi polynomials*, Int J. Math. Mathematical Sciences. Vol. 2012 (2012), Article ID 472010, 8 p, [gen>](#)
 - RimParkMoon2008, *On Genocchi numbers and polynomials*, Abstr. Appl. Anal. Vol. 2008 (2008), Article ID 898471, 7 p, [gen>](#)
 - Riordan1964, *Inverse relations and combinatorial identities*, Amer. Math. Monthly vol.71, No. 5 (May, 1964), 485-498, [nat>](#)
 - Robbins1982, *Some identities and divisibility properties of linear second-order recursion sequences*, Fibonacci Quart. 1982 (20,1): 21-23, [fibqy>](#)
 - Robbins1987, *Representing binom (2n n) as a sum of squares*, Fibonacci Quart. 1987 (25,1): 29-33, [fibqy>](#)
 - Robbins1994, *On Fibonacci numbers and primes of the form 4k + 1*, Fibonacci Quart. 1994 (32,1): 15-16, [fibqy>](#)
 - Robbins2005, *The Lucas triangle revisited*, Fibonacci Quart. 2005 (43,2): 142-148, [fibqy>](#)
 - Robertson1999, *Permutations containing and avoiding 123*

- and 132 patterns, arXiv (29 Mar 1999), [aXv>](#)
- Robertson2004, Restricted permutations from Catalan to Fine and back, Sémin. Lothar. Combin. 50 (2004), Article B50g, [gen>](#)
 - RobertsonWilfZeilberger1999, Permutation patterns and continued fractions, Electron. J. Combin. 6 (1999), #R38 2, [jou>](#)
 - Robin2012, *On the Rodrigues' formula approach to Operator factorization*, Int. Mathematical Forum, Vol. 7, 2012, no. 47, 2333-2351, [gen>](#)
 - Rockett1981, *Sums of inverses of binomial coefficients*, Fibonacci Quart. 1981 (19,5): 433-437, [fibqy>](#)
 - Rogala2008, *Generalization of the Genocchi numbers to their q -analogue*, Honor Theses, 1980, Dept. of Mathematics-Ithaca College, [gen>](#)
 - Rogers1978, *Pascal triangles, Catalan numbers and renewal arrays*, Discrete Math. Vol. 22, Issue 3, 1978, 301-310, [gen>](#)
 - Roman1982a, *The theory of the Umbral Calculus. I*, J. Math. Anal. Appl. Vol. **87**, No. 1, 1982, [jou>](#)
 - Roman1982b, *The theory of the Umbral Calculus. II*, J. Math. Anal. Appl. Vol. **89**, Issue 1, Sep 1982, 290-314, [jou>](#)
 - Roman1983, *The theory of the Umbral Calculus. III*, J. Math. Anal. Appl. Vol. 95, Issue 2, Sep 1983, 528-563, [jou>](#)
 - Roman1985, *More on the umbral calculus, with emphasis on the q -umbral calculus*, J. Math. Anal. Appl. Vol. **107**, Issue 1, Apr 1985, 222-254, [jou>](#)
 - Roman1992, *The logarithmic binomial formula*, Amer. Math. Monthly, Vol. 99, No. 7 (Aug. – Sep., 1992), 641-648, [nat>](#)
 - RomanRota1978, *The Umbral Calculus*, Adv. Math. Vol. 27, No.2 , Feb 1978, 95-188, [gen>](#)
 - Romik2003, *Some formulas for the central trinomial and Motzkin number*, J. Integer Seq. Vol. 6 (2003), Article 03.2.4, [jis>](#)

- 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>](#)
- 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>](#)
- RotaShen2000, *On the combinatorics of cumulants*, J. Combin. Theory Ser. A, Vol. 91, Issues 1–2, Jul 2000, 283-304, [jou>](#)
- 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>](#)
- RotaTaylor1994, *The classical umbral calculus*, SIAM J. Math. Anal. Vol. 25 Issue 2, 1994, 694-711, [gen>](#)
- 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>](#)
- Ruskey2011, *Fibonacci Meets Hofstadter*, Fibonacci Quart. 2011 (49,3): 227-230, [fibqy>](#)
- Ryoo C.S.2007, *A note on q -Bernoulli numbers and polynomials*, Applied Math. Letters 20 (2007) 524-531, [gen>](#)
- RyooKimBayadSimsek2012, *p -adic analysis with q -analysis and Its applications*, Int. J. of Math, and Mathematical Sciences. Vol. 2012 (2012), Article ID 862940, [gen>](#)
- RyooKimJang2007, *Some relationships between the analogs of Euler numbers and polynomials*, J. Inequal. Appl. Vol. 2007, Article ID 86052, 22 p, [jou>](#)
- RyooKimLee2011, *q -Bernoulli numbers and q -Bernoulli*

polynomials revisited, Adv. Difference Equ. 2011, 2011: 33, [gen>](#)

- RyooRim2008, *On the analogue of Bernoulli polynomials*, J. Comp. Anal. Appl. Vol.10, No.2, 163-172, 2008, [jou>](#)
- Rzadkowski2004, *A short proof of the explicit formula for Bernoulli numbers*, Amer. Math. Monthly Vol. 111, No. 5 (May, 2004), 432-434, [nat>](#)

S

- SaadSukhi2013, *The q -exponential operator*, Appl. Math. Sci. (Ruse) Vol. 7, 2013, no. 128, 6369-6380, [gen>](#)
- SaganSavage2011, *Mahonian pairs*, J. Combin. Theory Ser. A, Vol. 119, Issue 3, Apr 2012, 526-545, [jou>](#)
- Saha2014, *Siegel modular forms of degree 2: Fourier coefficients, L-functions, and functoriality (a survey)*, xxxx, [gen>](#)
- SaiedAbd El-RahmanGnonamy2009, *A generalized Weierstrass elliptic function expansion method for solving some nonlinear partial differential equations*, Computers and Math, with Applications Vol. 58, Issue 9, Nov 2009, P. 1725-1735, [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. 91-142, [gen>](#)
- Sanchez-MorenoManzanoDehesa2010, *Direct spreading measures of Laguerre polynomials*, J. Comput. Appl. Math. Vol. 235, Issue 5, Jan 2011, 1129-1140, [jou>](#)
- Sanchez-Peregrino2002, *Closed formula for poly-Bernoulli numbers*, Fibonacci Quart. 2002 (40,4): 362-364, [fibqy>](#)
- SantanaDiaz-Barrero2006, *Some properties of sums involving Pell numbers*, Missouri J. Math. Sci. 01/2006;

18(1), 33-40, [nat>](#)

- SantosIvkovic2005, *Polynomial generalizations of the Pell sequences and the Fibonacci sequence*, Fibonacci Quart. 2005 (43,4): 328-338, [fibqy>](#)
- 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>](#)
- Sauer2004, *Jacobi polynomials in Bernstein form*, Lehrstuhl f"ur Numerische Mathematik, Justus–Liebig–Universit"at Gießen, [nat>](#)
- SavaliaDavePrajapati2013, *Another extension of the little q -Jacobi polynomial and its properties*, Journal de Ciencia e Ingenierí'a, Vol.5, No.1, Agosto de 2013, 37-41, [nat>](#)
- 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>](#)
- Schmidt1995, *Legendre transforms and Apéry's sequences*, J. Austral. Math. Soc. (Series A) **58** (1995), 358-375, [nat>](#)
- Schmidt2010, *Generalized j -Factorial Functions, Polynomials, and Applications*, J. Integer Seq. Vol. 13 (2010), Article 10.6.7, [jis>](#)
- Schmüdgen1987, *On a generalization of the classical moment problem*, J. Math. Anal. Appl. Vol. 125, Issue 2, August 1987, 461-470, [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>](#)
- Schröder2007, *Generalized Schröder numbers and the Rotation Principle*, J. Integer Seq. Vol. 10 (2007), Article 07.7.7, [jis>](#)
- Schur1945, *On Faber polynomials*, Amer. J. Math. Vol. 67,

No. 1 (Jan., 1945), 33-41, [nat>](#)

- Schwaiger2007, *Comments on a short proof of an explicit formula for Bernoulli numbers*, Math. Pannon. **18**/2 (2007), 201-204, [nat>](#)
- Scott1952, *The reciprocal of a continued fraction*, Proc. Amer. Math. Soc. Vol. 3, No. 5 (Oct 1952), 722-726, [nat>](#)
- 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>](#)
- SeibertTrojovsky2007, *On multiple sums of products of Lucas numbers*, J. Integer Seq. Vol. 10 (2007), Article 07.4.5, [jis>](#)
- Shah1972, *On some results on H-functions associated with orthogonal polynomials*, Math. Scand. 30 (1972), 331-336, [nat>](#)
- Shallit1980, *A triangle for the Bell numbers*, Fibonacci Quart. 18th anniversary volume: 69-70, [fibqy>](#)
- Shallit1982, *Explicit descriptions of some continued fractions*, Fibonacci Quart. 1982 (20,1): 77-80, [fibqy>](#)
- ShallitStakowicz2011, *Unbounded discrepancies in Frobenious numbers*, Integers 11.1 (2011): 27-34, [gen>](#)
- Shannon1974a, *Explicit expressions for powers of linear recursive sequences*, Fibonacci Quart. 1974 (12,3): 281-287, [fibqy>](#)
- Shannon1974b, *A method of Carlitz applied to the kth power generating function for Fibonacci numbers*, Fibonacci Quart. 1974 (12,3): 293-299, [fibqy>](#)
- Shannon1974c, *Some properties of a fundamental recursive sequence of arbitrary order*, Fibonacci Quart. 1974 (12,4): 327-334, [fibqy>](#)
- Shannon2010, *Another generalization of the Fibonacci and Lucas numbers*, Notes Number Theory Discrete Math.16 (2010), 3, 11-17, [gen>](#)
- ShannonCookHillman2013, *Some aspects of Fibonacci polynomial congruences*, Ann. Math. Inform. 41 (2013),

211–217 Proc. of the 15th Int. Conf. on Fib. nbs. and their Appl., [gen>](#)

- ShannonHoradam1988, *Generalized Fibonacci continued fractions*, Fibonacci Quart. 1988 (26,3): 219-223, [fibqy>](#)
- ShannonHoradam2004, *Generalized Pell numbers and polynomials*, Proc. of the 10th Int. Conf. on Fibonacci nbs. and their Appl. 2004, Vol. 9, 213-224, [gen>](#)
- ShannonHoradamCollings1974, *Some congruences for Fibonacci numbers*, Fibonacci Quart. 1974 (12,4): 351-354, [fibqy>](#)
- ShannonMelham1993, *Carlitz generalizations of Lucas and Lehmer sequences*, Fibonacci Quart. 1993 (31,2): 105-111, [fibqy>](#)
- ShannonOllerton2002, *Combinatorial matrices and linear recursive sequences*, Fibonacci Quart. 2002 (40,5): 417-423, [fibqy>](#)
- Shapiro1976a, *A Catalan triangle*, Discrete Math. Vol. **14**, Issue 1, 1976, 83–90, [gen>](#)
- Shapiro1976b, *Fibonacci numbers and upper triangular groups*, Fibonacci Quart. 1976 (14,3): 201-202, [fibqy>](#)
- Shapiro2003, *Bijections and the Riordan group*, Theoret. Comput. Sci. Vol. 307, Issue 2, 7 Oct 2003, 403-413, [gen>](#)
- Shapiro2005, *A survey of the Riordan group*, Lectures at the Center for Combinatorics in Nankai University-Spring 2005, [gen>](#)
- ShapiroGetuWoanWoodson1991, *The Riordan group*, Discrete Appl. Math. Vol. 34, Issues 1–3, 21 Nov 1991, 229-239, [gen>](#)
- 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>](#)
- SharmaDeshmukh2014, *Applications of two dimensional fractional Mellin transform*, Int. J. Scient. Innov. Math. Research, Vol. 2, Issue 9, Sep 2014, 794-799, [gen>](#)
- ShattuckWagner2007, *Some generalized Fibonacci*

polynomials, J. Integer Seq. Vol. 10 (2007), Article 07.5.3 , [jis>](#)

- Shen2000, *Orthogonal polynomials on the unit circle associated with the Laguerre polynomials*, Proc. Amer. Math. Soc. (2000) **129**, No. 3, 873-879, [nat>](#)
- ShengShen1994, *Orthogonal Fourier-Mellin moments for invariant pattern recognition*, J. Opt. Soc. Am. A/Vol. 11, No. 6/June 1994, [jou>](#)
- Shi1995, *Concerning the recursive sequences $A_{n+k} = \sum_{i=1}^k A_{n+i-1}$* , Fibonacci Quart. 1995 (33,3): 240-243, [fibqy>](#)
- Shibukawa2014, *Multivariate Meixner, Charlier and Krawtchouk polynomials*, arXiv (29 Apr 2014), [aXv>](#)
- ShiraiSato2001, *Some identities Involving Bernoulli and Stirling numbers*, J. Number Theory Vol. 90, Issue 1, Sep. 2001, 130-142, [jou>](#)
- ShiuYerger2009, *Geometric and Harmonic variations of the Fibonacci sequence*, Mathematical Spectrum 2009, [gen>](#)
- ShoreyStewart1987, *Pure powers in recurrent sequences and some related Diophantine equations*, J. Number Theory Vol, 27, Issue 3, Nov 1987, 324-352, [jou>](#)
- Shparlinski2006, *On the sum of Iterations of the Euler function*, J. Integer Seq. Vol. 9 (2006), Article 06.1.6, [jis>](#)
- Shrivastava1978, *Classical polynomials – A unified presentation*, Publ. Inst. Math. (Beograd) (N.S.) tome 23 (37), 1978, 169-177, [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>](#)
- ShuklaPrajapati2007, *On some properties of a class of polynomials suggested by Mittal*, Proyecciones, Vol. 26, No 2, 145-156, Aug 2007. Univ. Católica del Norte Antofagasta – Chile, [nat>](#)
- ShuklaPrajapati2008, *A general class of polynomials associated with generalized Mittag-Leffler function*,

Integral Transforms Spec. Funct. Vol. 19, Issue 1, 2008,
[gen>](#)

- SiarKeskin2013, *Some new identities concerning generalized Fibonacci and Lucas numbers*, Hacet. J. Math. Stat. Vol. 42 (3) (2013), 211-222, [gen>](#)
- Sibuya2009, *Riordan Arrays and probability distributions*, Takemura Group Meeting, Inst. Stat. Math., 2009-11-26, [nat>](#)
- 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>](#)
- Silverman2006, *An introduction to the theory of elliptic curves*, Summer School on Comput. Number Theory, Univ. of Wyoming (Jul 2006), [gen>](#)
- SimionStanton1993, *Specializations of generalized Laguerre polynomials*, Siam J. Math. Anal. 25(2), 712-719. 8 p., [axv>](#)
- 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 polynomials*, Math. Comput. Appl. Vol. 18, No. 3, 251-263, 2013, [gen>](#)
- Simsek2013c, *Unification of the Bernstein-type polynomials and their applications*, Bound. Value Probl. 2013, 2013: 56, [gen>](#)
- SimsekCangulKurtKim2008, *q -Genocchi numbers and polynomials associated with q -Genocchi-type l -functions*, Adv. Difference Equ. 2008, **2008**: 815750, [gen>](#)
- Singhal1967, *Operational formulae for certain classical polynomials*, Rend. Semin. Mat. Univ. Padova, tome 38 (1967), 33-40, [nat>](#)
- SinghalJoshi1982a, *On the unification of generalized Hermite and Laguerre polynomials*, Indian J. Pure Appl.

- Math. 13(8): 904-906, August 1982, [nat>](#)
- SinghJoshi1982b, *On the unification of generalized Hermite and Laguerre polynomials*, Revista matemática hispanoamericana Vol. 42, Nº. 1-3, 1982, 82-89, [nat>](#)
 - SinghSrivastava1972, *A class of bilateral generating functions for certain classical polynomials*, Pacific J. Math. Vol. 42, Nb. 3 (1972), 755-762, [nat>](#)
 - SinghBhadouriaSikhwal2011, *Generalized identities involving common factors of Fibonacci and Lucas numbers*, Int. J. Algebra Vol. 5, 2011, no. 13, 637-645, [gen>](#)
 - 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>](#)
 - SinghSikhwalGupta2014, *Generalized Fibonacci-Lucas Sequence*, Turkish J. of Analysis and Number Theory, 2014, Vol. 2, No. 6, 193-197, [nat>](#)
 - SinghSikhwalPanwar2009, *Generalized determinantal identities involving Lucas polynomials*, Appl. Mathematical Sci. Vol. 3, 2009, no. 8, 377-388, [gen>](#)
 - SinghSikhwalParsaiGupta2014, *Generalized Fibonacci-Lucas polynomials*, Int. J. Advanced Math. Sci. 2 (1) (2014), 81-87, [gen>](#)
 - SinghYadav2007, *On a general class of q -polynomials suggested by basic Laguerre polynomials*, Bull. Pure Appl. Math. 01(1) (2007), 94-102, [nat>](#)
 - Sitgreaves1970, *Some properties of Stirling numbers of the second kind*, The Fibonacci Quarterly 1970 (8,2): 172-181, [fibqy>](#)
 - SixdeniersPensonSolomon2001, *Extended Bell and Stirling numbers from hypergeometric exponentiation*, J. Integer Seq. Vol. 4 (2001), Article 01.1.4, [jis>](#)
 - Slater1975, *Congruences on the L function of an elliptic curve parametrised by modular functions*, J. London Math. Soc. Vol. s211, Issue 3 (Oct 1975), 285-293, [nat>](#)

- Smajlović2010, *On Li's criterion for the Riemann hypothesis for the Selberg class*, J. Number Theory 130 (2010), 828-851, [jou>](#)
- Smith2008-09, *On an 'uncounted' Fibonacci identity and its q-analogue*, Fibonacci Quart. 2008-09 (46-47,1): 73-78, [fibqy>](#)
- Sofo1999, *Closed form representation of binomial sums and series*, Le Matematiche Vol. LIV (1999) – Fasc. I, 175-186, [gen>](#)
- Sofo2000a, *A convoluted Fibonacci sequence – Part I*, RGMIA Research Report Collection (Vol.3,2): 1-7, [gen>](#)
- Sofo2000b, *A convoluted Fibonacci sequence – Part II*, Austral. Math. Soc. Gaz. 27; 107-114, [nat>](#)
- Sofo2003, *Fibonacci and some of his relations*, The Math. Educ. into the 21st Century Project – Proc. Int. Conf. Brno, Czech Rep. 2003, [gen>](#)
- Sofo2006a, *General properties involving reciprocals of binomial coefficients*, J. Integer Seq. Vol. 9 (2006), Article 06.4.5, [jis>](#)
- Sofo2006b, *Integral representations of ratios of binomial coefficients*, Int. J. Pure Appl. Math. Vol. 31 No. 1, 2006, 29-46, [gen>](#)
- 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>](#)
- Sofo2009a, *Some properties of reciprocals of double binomial coefficients*, Tamsui Oxf. J. Math. Sci. 25(2) (2009), 141-151 Aletheia University, [nat>](#)
- Sofo2009b, *Convexity of finite sums*, Albanian J. Math. (2009) Vol. 3, No. 1, 43-48, [nat>](#)
- Sofo2009c, *Derivatives of Catalan related sums*, J. Inequal. Pure Appl. Math. Vol. 10, Issue: 3, Paper No. 69, 8 p, [jou>](#)
- Sofo2011a, *Summation formula involving harmonic numbers*, Anal. Math. **37**(2011), 51-64, [gen>](#)

- Sofo2011b, *Integral identities for rational series involving binomial coefficients*, Bull. Malays. Math. Sci. Soc. (2) **34(3)** (2011), 631-637, [nat>](#)
- Sofo2012a, *Reciprocal power sums*, Integers 12 (2012), [gen>](#)
- Sofo2012b, *Euler-related sums*, Mathematical Sciences 2012, **6**: 10, [gen>](#)
- Sofo2012c, *Harmonic numbers of order two*, Miskolc Math. Notes, Vol. 13 (2012), No. 2, 499-514, [nat>](#)
- 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>](#)
- SofoCerone1998b, *On a Fibonacci related series*, Fibonacci Quart. 1998 (36,3): 211-215, [fibqy>](#)
- SolomonSolomon2008, *A natural extension of Catalan numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.3.5, [jis>](#)
- SomashekaraMurthy2014, *Applications of an identity of Andrews*, Arab J. Math. Sci. **20** (2) (2014), 205-212, [nat>](#)
- Somer1984, *The generation of higher-order linear recurrences from second-order linear recurrences*, Fibonacci Quart. 1984 (22,2): 98-100, [fibqy>](#)
- Somer2004, *A further note on Lucasian numbers*, Proc. 10th Int. Research Conf. on Fibonacci nbs. and their Applications Vol. 9: 225-234, [gen>](#)
- SongCheonJunBeasley2010, *A q -analogue of the generalized factorial numbers*, J. Korean Math. Soc. 47 (2010), No. 3, 645-657, [nat>](#)
- SonJang1999, *On q -analogues of Stirling series*, Comm. Korean Math. Soc. **14** (1999), No. 1, 57-68, [nat>](#)
- Soria-LorenteCumbre-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>](#)
- Soundrarajan2009, *Moments of the Riemann z-function*, Ann. of Math. (2), 170 (2009), 981-993, [nat>](#)

- Spieb1990, *Some identities involving harmonic numbers*, Math. Comp. Vol. 5, No. 192, Oct 1990, 839-863, [gen>](#)
- Spilker1997, *Initial values for homogeneous linear recurrences of second order*, Fibonacci Quart. 1997 (35,1): 24-27, [fibqy>](#)
- Spiridonov2008, *Essays on the theory of elliptic hypergeometric functions*, arXiv (29 May 2008), [aXv>](#)
- Spivey2008, *A generalized recurrence for Bell numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.2.5, [jis>](#)
- Spivey2011, *On solutions to a general combinatorial recurrence*, J. Integer Seq. Vol. 14 (2011), Article 11.9.7, [jis>](#)
- SpiveySteil2006, *The k-binomial transforms and the Hankel transform*, J. Integer Seq. Vol. 9 (2006), Article 06.1.1, [jis>](#)
- Sprugnoli1994, *Riordan arrays and combinatorial sums*, Discrete Math. Vol. 132, Issues 1–3, Sep 1994, 267-290, [gen>](#)
- Sprugnoli1995, *Riordan arrays and the Abel-Gould identity*, Discrete Math. Vol. 142, Issues 1–3, Jul 1995, 213-233, [gen>](#)
- 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>](#)
- SrisawatSripradSthityanak2015, *On the k-Jacobsthal numbers by matrix methods*, Science Technology RMUTT J., [gen>](#)
- 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>](#)
 - 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>](#)
 - SrivastavaGargChoudhary2010, *A new generation of Bernoulli and related polynomials*, Russ. J. Math. Phys. Mar Jun 2010, Vol. 17, Issue 2, 251-261, [nat>](#)
 - SrivastavaLavoie1975, *A certain method of obtaining bilateral generating functions*, Mathematics Indagationes Mathematicae (Proceedings) Vol. 78, Issue 4, 1975, 304-320, [gen>](#)
 - 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>](#)
 - 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>](#)
 - SrivastavaPintér2004, *Remarks on some relationships between the Bernoulli and Euler polynomials*, Applied Math. Letters Vol. 17, Issue 4, Apr 2004, 375-380, [gen>](#)
 - SrivastavaSingh1979a, *On the Konhauser polynomials $Y_n^m(x;k)$* , Indian J. Pure Appl. Math. **10** (9): 1121-1126, Sep 1979, [nat>](#)
 - 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>](#)

- SrivastavaSinghal1972, *A unified presentation of certain classical polynomials*, Math. Comp. **26**, No. 120, (1972), 969-975, [gen>](#)
- 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>](#)
- SrivastavaTasdelenSekeroglu2008, *Some families of generating functions for the q -Konhauser polynomials*, Taiwanese J. Math. Vol. 12, No. 3, 841-850, Jun 2008, [nat>](#)
- SrivastavaTodorov1988, *An explicit formula for the generalized Bernoulli polynomials*, J. Math. Anal. Appl. Vol. 130, Issue 2, Mar 1988, 509-513, [jou>](#)
- SrivastavaVignat2012, *Probabilistic proofs of some relationships between the Bernoulli and Euler polynomials*, Eur. J. Pure Appl. Math. Vol. 5, No. 2, 2012, 97-107, [gen>](#)
- SrivastavaYeh2002, *Certain theorems on bilinear and bilateral generating functions*, Anziam J. 43 (2002), 567-574, [gen>](#)
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p -numbers*, Chaos Solitons Fractals, Vol. 27, Issue 5, Mar 2006, 1162-1177, [gen>](#)
- Stam1988, *Polynomials of binomial type and compound Poisson processes*, J. Math. Anal. Appl. Vol. 130, Issue 2, Mar 1988, 493-508, [jou>](#)
- Štampachxxxx, *The moment problem*, Seminar-Faculty of Nuclear Sciences and Physical Engineering, CTU Prague xxxx, [gen>](#)
- Stanica2005, *Cholesky factorizations of matrices associated with r -order recurrent sequences*, Integers 5(2) (2005), [gen>](#)

- StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices*, Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606-2619, [gen>](#)
- Stankov2013, *On linear combinations of Chebyshev polynomials*, arXiv (9 Nov 2013), [aXv>](#)
- 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>](#)
- Steere2012, *Orthogonal polynomials and the moment problem*, Faculty of Science, University of the Witwatersrand, Johannesburg, 2012, Master of Science, [gen>](#)
- Steffensen1926, *On a generalization of Nordlund's polynomials*, Det Kgl . Danske Videnskabernes Selskab . Matematisk-fysiske Meddelelser . **VII**, 5., [gen>](#)
- Steffensen1928, *A general summation formula*, Det Kgl . Danske Videnskabernes Selskab . Matematisk-fysiske Meddelelser . **VIII**, 7, [gen>](#)
- Steiner1978, *On N-th powers in the Lucas and Fibonacci series*, Fibonacci Quart. 1978 (vol.16,5): 451-458, [fibqy>](#)
- SteinWaterman1978, *On some sequences generalizing the Catalan and Motzkin numbers*, Discrete Math. Vol. 26, Issue 3, Jan 1979, 261-272, [gen>](#)
- Steuding2011, *Monastir mini-course: the Selberg class of zeta- and L-functios*, Monastir, Apr 11-16, 2011, [gen>](#)
- Strang2010, *Fast transforms: banded matrices with banded inverses*, Proc. Natl. Acad. Sci. USA, 107 (#28), (2010) 12413-12416, [nat>](#)
- Strang2013, *Banded matrices with banded inverses and A=LPU*, 5th Int. Congress of Chinese Mathematicians: ICCM2010, [gen>](#)
- StrangMacNamara2016, *Functions of difference matrices are Toeplitz plus Hankel*, Siam Review, Vol. 56, No. 3, 2016, 525-546, [gen>](#)

- Strehl1992, *Recurrences and Legendre Transform*, Sém. Lothar. Combin. B29b (1992), 22 pages. 29 Thurnau, Sep 1992, [gen>](#)
- Strehl1994, *Binomial identities – combinatorial and algorithmic aspects*, Discrete Math. Vol. 136, Issues 1–3, 31 Dec1994, 309-346, [gen>](#)
- Sulanke2000, *Moments of generalized Motzkin paths*, J. Integer Seq. Vol. 3 (2000), Article 00.1.1, [jis>](#)
- Sulanke2003, *Objects counted by the cental Delannoy numbers*, J. Integer Seq. Vol. 6 (2003), Article 03.1.5, [jis>](#)
- SulankeXin2006, *Hankel determinants for some common lattice paths*, Formal Power Series and Algebraic Combinatorics-San Diego, California 2006, [gen>](#)
- Sun P.2005, *A note on the number of derangements*, Appl. Math. E-Notes, 5 (2005), 176-178, [gen>](#)
- Sun Y.2005, *Numerical triangles and several classical sequences*, Fibonacci Quart. 2005 (43,4): 359-370, [fibqy>](#)
- Sun Y.Ma2014a, *Some new binomial sums related to the Catalan triangle*, Electron. J. Combin. 21 (1) (2014), [gen>](#)
- 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>](#)
- Sun Z-H.2001a, *Invariant sequences under binomial transformation*, Fibonacci Quart. 2001 (39,4): 324-333, [fibqy>](#)
- Sun Z-H.2001b, *Linear recursive sequences and powers of matrices*, Fibonacci Quart. 2001 (39,4): 339-351, [fibqy>](#)
- Sun Z-H.2008, *Congruences involving Bernoulli polynomials*, Discrete Math Vol. 308, Issue 1, 6 Jan 2008, 71-112, [gen>](#)
- Sun Z-H.Sun Z-W.1992, *Fibonacci numbers and Fermat's last theorem*, Acta Arith. LX.4 (1992), [gen>](#)
- Sun Z-W.2002, *On the sum $\sigma(k=r)(mod m)$ binomial(n,k) and related congruences*, Israel J. Math. 128 (2002),

135-156, [nat>](#)

- Sun Z-W.2003a, *Combinatorial identities in dual sequences*, *Europ. J. Combin.* 24 (2003) 709-718, [gen>](#)
- Sun Z-W.2003b, *General congruences for Bernoulli polynomials*, *Discrete Math.* 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.2010a, *On Apéry numbers and generalized central trinomial coefficients*, arXiv (19 Aug 2010), [aXv>](#)
- Sun Z-W.2010b, *Binomial coefficients, Catalan numbers and Lucas quotients*, *Sci. China Math.* 53 (2010), no. 9, 2473-2488, [nat>](#)
- Sun Z-W.2011a, *On Delannoy numbers and Schröder numbers*, *J. Number Theory*, Vol. 131, Issue 12, Dec 2011, 2387-2397, [jou>](#)
- 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.2012b, *On harmonic numbers and Lucas sequences*, *Publ. Math. Debrecen* 80 (2012), no. 1-2, 25-41, [nat>](#)
- Sun Z-W.2014, *Congruences involving generalized central trinomial coefficients*, *Sci. China Math.* 2014, Vol. 57, Issue 7, 1375-1400, [nat>](#)
- Sun Z-W.Pan2004, *New identities involving Bernoulli and Euler polynomials. II*, arXiv (20 Aug 2004), [aXv>](#)
- Sun Z-W.Pan2006, *Identities concerning Bernoulli and Euler polynomials*, *Acta Arith.* 125 (2006), no. 1, 21-39, [gen>](#)
- 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>](#)

- Sun Z-W.Zagi2011, *On a curious property of Bell numbers*, Bull. Aust. Math. Soc. 84 (2011), no. 1, 153-158, [nat>](#)
- Sun Z-W.Zhao L-L.2013, *Arithmetic theory of harmonic numbers (II)*, Colloq. Math. 130 (2013), no. 1, 67-78, [gen>](#)
- Sury2003, *Bernoulli numbers and the Riemann zeta function*, Resonance Jul 2003, Vol. 8, Issue 7, 54-62, [gen>](#)
- Sury2009, *Generalized Catalan numbers: linear recursion and divisibility*, J. Integer Seq. Vol. 12 (2009), Article 09.7.5, [jis>](#)
- SuryWang T.Zhao F-Z.2004, *Identities involving reciprocals of binomial coefficients*, J. Integer Seq. Vol. 7 (2004), Article 04.2.8, [jis>](#)
- Swamy1997a, *On certain identities involving Fibonacci and Lucas numbers*, Fibonacci Quart. 1997 (35,3): 230-232, [fibqy>](#)
- Swamy1997b, *On a class of generalized polynomials*, Fibonacci Quart. 1997 (35.4): 329-334, [fibqy>](#)
- Swamy1999, *A generalization of Jacobsthal polynomials*, Fibonacci Quart. 1999 (37,2): 141-144, [fibqy>](#)
- Swamy2000, *Generalizations of Modified Morgan-Voyce Polynomials*, Fibonacci Quart. 2000 (38,1): 8-16, [fibqy>](#)
- Swift2003, *Some Fibonacci-like sequences*, Appl. Prob. Trust 2003, [gen>](#)
- Szablowski2013, *On the q-Hermite polynomials and their relationship with some other families of orthogonal polynomials*, Demonstratio Math. Vol. XLVI No 4 2013, [gen>](#)
- Szablowski2014, *A few remarks on Euler and Bernoulli polyn. and their connections with binom. coef. and modified Pascal matrices*, Math. Äterna, Vol. 4, 2014, no. 1, 83 – 88, [gen>](#)
- Szwarc1992, *Connection coefficients of orthogonal polynomials*, Canad. Math. Bull. Vol. 35 (4), 1992,

T

- TaherMoulineRachidi2002, *Convergence of r-generalized Fibonacci sequences and an extension of Ostrowski's condition*, Fibonacci Quart. 2002 (40,5): 386-393, [fibqy>](#)
- Takacs1981, *On the "Problème des Ménages"*, Discrete Math. 36 (1981) 289-297, [gen>](#)
- TasciYalcin2013, *Vieta-Pell and Vieta-Pell-Lucas polynomials*, Adv. Difference Equ. 2013, 2013: 224, [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>](#)
- Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers*, J. Integer Seq. Vol. 19 (2016), Article 16.5.4, [jis>](#)
- Taylor2001, *Umbral presentations for polynomial sequences*, Comput. Math. Appl. Vol. 41, Issue 9, May 2001, 1085-1098, [gen>](#)
- Tee2007, *Eigenvectors of block circulant and alternating circulant matrices*, New Zealand J. Math. Vol. 36 (2007), 195-211, [nat>](#)
- 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>](#)
- Tengely2005, *Effective methods for Diophantine equations*, Doctor aan de Universiteit Leiden, [gen>](#)
- Terwilliger2011, *The universal Askey-Wilson algebra*, SIGMA Symmetry Integrability Geom. Methods Appl. 7 (2011), 069, 24 p, [gen>](#)

- Tesko2011, *One generalization of the classical moment problem*, Methods Funct. Anal. Topology, Vol. 17 (2011), no. 4, 356-380, [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>](#)
- 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>](#)
- Thakurtal1987, *Some generating functions of Laguerre polynomials*, Int. J. Math. Math. Sci. Vol. 10, No.3 (1987), 531-534, [gen>](#)
- TianmingZhizheng1996, *Recurrence sequences and Nörlund-Euler polynomials*, Fibonacci Quart. 1996 (34,4): 314-319, [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>](#)
- 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>](#)
- Todorov1984, *On the theory of the Bernoulli polynomials and numbers*, J. Math. Anal. Appl. Vol. 104, Issue 2, Dec 1984, 309-350, [gen>](#)
- 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>](#)
- Toscano1978, *Some results for generalized Bernoulli, Euler, Stirling numbers*, Fibonacci Quart. 1978 (16,2): 103-111, [fibqy>](#)
- 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>](#)

- Trench2009, *Banded symmetric Toeplitz matrices: where linear algebra borrows from difference equations*, Trinity University Math. Seminar 2009, [gen>](#)
- Trif2000, *Combinatorial sums and series involving inverses of binomial coefficients*, Fibonacci Quart. 2000 (38,1): 79-83, [fibqy>](#)
- Trojovský2007, *On some identities for the Fibonomial coefficients via generating function*, Discrete Applied Math. 155 (2007), 2017-2024, [gen>](#)
- TugluYesilKocerDziemianczuk2014, *The \square -analogue of Riordan representation of Pascal matrices via fibonomial coefficients*, J. Appl. Math. Vol. 2014 (2014), Article ID 841826, 6 p, [jou>](#)
- Tutas2014, *Euler-Seidel matrices over F_p* , Turkish J. of Math. (2014) 38: 16-24, [nat>](#)
- TwamleyMilburn2007, *The quantum Mellin transform*, arXiv (12 Feb 2007), [aXv>](#)

U

V

- Van AsscheCoussement2001, *Some classical multiple orthogonal polynomials*, J. Comp. Appl. Math.. Vol. 127, Issues 1–2, 15 Jan 2001, 317-347, [jou>](#)
- van der Geer2007, *Siegel modular forms*, arXiv (21 May 2007), [aXv>](#)
- 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>](#)
- 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>](#)
- Vandiver1942, *An arithmetical theory of the Bernoulli numbers*, Trans. of the American Mathematical Society Vol. 51, No. 3, (May 1942), 502-531, [nat>](#)
- Varga1954, *Eigenvalues of circulant matrices*, Pacific J. Math. Vol. 4, No. 1 May 1954, [nat>](#)
- VascoCatarinoCamposAiresBorges2015, *k-Pell, k-Pell-Lucas and modied k-Pell numbers: Some identities and norms of Hankel matrices*, Int. J. Math. Anal. (Ruse) Vol. 9, 2015, no. 1, 31-37, [gen>](#)
- Vaughan1976, *A note on some arithmetic functions connected with the Fibonacci numbers*, Fibonacci Quart. 1976 (14,3): 244-248, [fibqy>](#)
- Vein1977, *Matrices which generate families of polynomials and associated Infinite series*, J. Math. Anal. Appl. 59, 278-287 (1977), [jou>](#)
- Vein1986, *Identities among certain triangular matrices*, Linear Algebra Appl. Vol. 82, Oct 1986, 27-79, [gen>](#)
- Velasco2010, *Convolution and Sulanke Numbers*, J. Integer Seq. Vol. 13 (2010), Article 10.1.8, [jis>](#)
- Velasco2011, *On s-fibonomials*, J. Integer Seq. Vol. 14 (2011), Article 11.3.7, [jis>](#)
- 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>](#)
- Vella2008, *Explicit formulas for Bernoulli and Euler numbers*, Integers 8 (2008), [integ>](#)
- Veteleanu2010, *About q-Bernstein polynomials*, Revista Electronică MateInfo.ro Septembrie 2010, [gen>](#)
- Vidnas2009, *Specialization of Appell's functions to univariate hypergeometric functions*, arXiv(17 Oct 2009), [aXv>](#)

- 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>](#)
- Viennot1983, *Une théorie combinatoire des polynômes orthogonaux généraux*, Notes de conférences données à l'Univ. du Québec à Montréal, [gen>](#)
- Villacorta2014, *An approach to q -series*, Integers 14 (2014), [gen>](#)
- Vince1978, *The Fibonacci sequence modulo N* , Fibonacci Quart. 1978 (16,5): 403-406, [fibqy>](#)
- VinetZhedanov2008, *Generalized Bochner theorem: Characterization of the Askey–Wilson polynomials*, J. Comp. Appl. Math. Vol. 211, Issue 1, Jan 2008, 45-56, [jou>](#)
- VinetZhedanov2010, *A limit $q=-1$ for the big q -Jacobi polynomials*, Trans. Amer. Math. Soc. Vol. 364, No. 10, Oct 2012, 5491-5507, [nat>](#)
- 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>](#)

W

- Waddill1974, *Matrices and generalized Fibonacci sequences*, Fibonacci Quart. 1974 (12,4): 381-386, [fibqy>](#)
- Waddill1992a, *The Tetranacci sequence and generalizations*, Fibonacci Quart. 1992 (30,1): 9-19, [fibqy>](#)
- Waddill1992b, *Some properties of the tetranacci sequence modulo m* , Fibonacci Quart. 1992 (30,3): 232-238, [fibqy>](#)
- Wagner1996, *Generalized Stirling and Lah numbers*,

Discrete Math. Vol. 160, Issues 1–3, 15 Nov 1996,
199-218, [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>](#)
- Wall1985, *On triangular Fibonacci numbers*, Fibonacci Quart. 1985 (23,1): 77-79, [fibqy>](#)
- Wallner2013, *Lattice path combinatorics*, Thesis-Technischen Universität Wien (2013), [gen>](#)
- WaltonHoradam1974a, *Some aspects of generalized Fibonacci numbers*, Fibonacci Quart. 1974 (12,3): 241-250, [fibqy>](#)
- WaltonHoradam1974b, *Some further identities for the generalized Fibonacci sequence {Hn}*, Fibonacci Quart. 1974 (12,3): 272-280, [fibqy>](#)
- WaltonHoradam1984, *Generalized Pell polynomials and other polynomials*, Fibonacci Quart. 1984 (22,4): 336-339, [fibqy>](#)
- Wang H.Liu2013a, *Some properties of a sequence similar to generalized Euler numbers*, Discrete Math. Vol. 2013, Article ID 810245, 5 p, [gen>](#)
- Wang H.Liu2013b, *An explicit formula for higher order Bernoulli polynomials of the second kind*, Integers 13 (2013), [gen>](#)
- Wang J.1995, *On the kth derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1995 (33,2): 174-178, [fibqy>](#)
- Wang J.2013, *New recurrence formulae for the Apostol-Bernoulli and Apostol-Euler polynomials*, Adv. Difference Equ. 2013, 2013: 247, [gen>](#)
- 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 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>](#)

- Wang W.2010a, *Generalized higher order Bernoulli number pairs and generalized Stirling number pairs*, J. Math. Anal. Appl. Vol. 364, Issue 1, Apr 2010, 255-274, [jou>](#)
- Wang W.2010b, *Riordan arrays and harmonic number identities*, Comput. Math. Appl. Vol. 60, Issue 5, Sep 2010, 1494-1509, [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>](#)
- 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.2008b, *Generalized Riordan arrays*, Discrete Math. Vol. 308, Issue 24, 28 Dec 2008, 6466-6500, [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>](#)
- Wang Wei.Wang Wen2010, *Some results on power sums and Apostol type polynomials*, Integral Transforms Spec. Funct. Vol. 21, Issue 4, 2010, [gen>](#)

- Wang X.Hsu2003, *A summation formula for power series using Eulerian fractions*, Fibonacci Quart. 2003 (vol.41,1): 23-30, [fibqy>](#)
- Wang X.Yang T.Guo2016, *Image analysis by circularly semiorthogonal moments*, Pattern Recognition, Vol. 49, Jan 2016, 226-236, [gen>](#)
- Wang Yi2005, *Self-inverse sequences related to a binomial inverse pair*, Fibonacci Quart. 2005 (vol.43 ,1): 46-52, [fibqy>](#)
- Wang YiZhang Z-H.2015, *Combinatorics of generalized*

Motzkin numbers, J. Integer Seq. Vol. 18 (2015), Article 15.2.4, [jis>](#)

- WanZudilin2011, *Generating functions of Legendre polynomials: A tribute to Fred Brafman*, xxxx, [gen>](#)
- Ward M.1934, *The representation of Stirling's numbers and Stirling's polynomials as sums of factorials*, Amer. J. Math. Vol. 56, No. 1/4 (1934), 87-95, [nat>](#)
- Ward T.2012, *Congruences for convolutions of Hilbert modular forms*, Math. Proc. Cambridge Philosophical Society; Cambridge 153.3 (Nov 2012): 471-487 arXiv (20 Jan 2012), [aXv>](#)
- WasutharatKuhapatanakul2012, *The generalized Pascal-like triangle and applications*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 41, 1989-1992, [gen>](#)
- Watanabe2010, *Symmetry in generating functions*, Symmetry 2010, 2, 346-365, [gen>](#)
- Webster1995, *A combinatorial problem with a Fibonacci solution*, Fibonacci Quart. 1995 (33,1): 26-31, [fibqy>](#)
- Wegener1981, *An application of Pell's equation*, Fibonacci Quart. 1981 (19,5): 450-451, [fibqy>](#)
- 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>](#)
- Wenpeng Z.Tingting W.2012, *The infinite sum of reciprocal Pell numbers*, Appl. Math. Comput. Vol. 218, Issue 10, Jan 2012, 6164-6167, [gen>](#)
- White2012, *The base change L-function for modular forms and beyond endoscopy*, J. Number Theory, Vol. 140, Jul 2014, P 13-37, [gen>](#)
- Widom1974, *Asymptotic behavior of block Toeplitz matrices and determinants*, Adv. Math. Vol. 13, Issue 3, Jul 1974, 284-322, [gen>](#)
- Widom1976, *Asymptotic behavior of block Toeplitz matrices and determinants. II*, Adv. Math. Vol. 21, Issue 1, Jul 1976, 1-29, [gen>](#)
- Wiener1938, *The Homogeneous Chaos*, Amer. J. Math. Vol.

- 60, No. 4 (Oct 1938), 897-936, [nat>](#)
- Wilkins2008, *Elliptic functions*, Course 214 Second Semester 2008, [gen>](#)
 - Williams1945, *Numbers generated by the function $e^x e^{x-1}$* , Amer. Math. Monthly Vol. 52, No. 6 (Jun-Jul 1945), 323-327, [nat>](#)
 - Williams1975, *On Fibonacci numbers of the form $k^2 + 1$* , Fibonacci Quart. 1975 (13,3): 213-214, [fibqy>](#)
 - Wilson2005, *Asymptotics for generalized Riordan arrays*, 2005 International Conference on Analysis of Algorithms, [gen>](#)
 - Wilson2010, *An interesting new Mahonian permutation statistic*, arXiv (21 Jul 2010), [aXv>](#)
 - WimpZeilberger1985, *Resurrecting the asymptotics of linear recurrences*, J. Math. Anal. Appl. 111, 162-176 (1985), [jou>](#)
 - Witula2013, *Binomials transformation formulae of scaled Lucas numbers*, Demonstratio Math. Vol. XLVI, No 1, 2013, 15-27, [gen>](#)
 - 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>](#)
 - Woan2001, *Hankel matrices and lattice paths*, J. Integer Seq. Vol. 4 (2001), Article 01.1.2, [jis>](#)
 - Woan2007, *The Lagrange inversion formula and divisibility properties*, J. Integer Seq. Vol. 10 (2007), Article 07.7.8, [jis>](#)
 - WongMaddocks1975, *A generalized Pascal's triangle*, Fibonacci Quart. 1975 (13,2): 135-136, [fibqy>](#)
 - Wulczyn1976, *On continued fraction expansions whose elements are all ones*, Fibonacci Quart. 1976 (14,1): 18-23, [fibqy>](#)
 - WuLiao2015, *Color image analysis via Racah moments*, J. Theoretical Appl. Computer Sci. Vol. 9, No. 4, 2015, 8-18, [jou>](#)

- 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, [jou>](#)
- WuZhang2013a, *On the reciprocal sums of higher-order sequences*, Adv. Difference Equ. 2013, 2013: 189, [gen>](#)
- WuZhang2013b, *Several identities involving the Fibonacci polynomials and Lucas polynomials*, J. Inequal. Appl. 2013, 2013: 205, [jou>](#)
- WuZhang2014, *On the higher power sums of reciprocal higher-order equations*, The Scientific World J. Vol. 2014, Article ID 521358, 6 p, [gen>](#)
- WymanMoser1958.pdf, *On the problème des ménages*, Canad. J. Math. 10 (1958), 468-480, [nat>](#)

X

- Xiao B.MaWang X.2010, *Image analysis by Bessel–Fourier moments*, Pattern Recognition, Vol. 43, Issue 8, Aug 2010, 2620-2629, [gen>](#)
- 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>](#)
- XiuKarniadakis2002, *The Wiener-Askey polynomial chaos for stochastic differential equations*, SIAM J. Sci. Comput. 24 (2), 619-644, [gen>](#)

Y

- YalçinTasciErkus-Duman2015, *Generalized Vieta-Jacobsthal and Vieta-Jacobsthal-Lucas polynomials*, Math. Commun. 20(2015), 241-251, [gen>](#)
- Yan2007, *From (2, 3)-Motzkin paths to Schroder paths*, J. Integer Seq. Vol. 10 (2007), Article 07.9.1, [jis>](#)
- YanallahZahaf2007, *New connection formulae for some q -orthogonal polynomials in q -Askey scheme*, arXiv (21 Nov 2007), [aXv>](#)
- Yang J-H.Zhao2006, *Sums involving the inverses of binomial coefficients*, J. Integer Seq. Vol. 9 (2006), Article 06.4.2, [jis>](#)
- 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>](#)
- Yang S-l.2005, *On the LU factorization of the Vandermonde matrix*, Discrete Applied Math. 146 (2005) 102-105, [gen>](#)
- Yang S-l.2012, *Recurrence relations for the Sheffer sequences*, Linear Algebra Appl. Vol. 437, Issue 12, Dec 2012, 2986-2996, [gen>](#)
- Yang S-l.2013, *Some inverse relations determined by Catalan matrices*, Int. J. Comb. Vol. 2013 (2013), Article ID 528584, 6 p, [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>](#)
- Yang S-l.Zheng2013b, *Determinant representations of polynomial sequences of Riordan Type*, J. Discrete Math. Vol. 2013 (2013), Article ID 734836, 6 p, [jou>](#)
- Yang S-l.ZhengYuanHe2013, *Schröder matrix as inverse of Delannoy matrix*, Linear Algebra Appl. Vol. 439, Issue 11, Dec 2013, 3605-3614, [gen>](#)
- Yang S-L.Liu2006, *Explicit inverse of the Pascal matrix plus one*, Int. J. Math. Math. Sci. Vol. 2006, Article ID

90901, 1-7, [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>](#)
- Yang Y.2004, *Generating functions of convolution matrices*, Proc. 10th Int. Research Conf. on Fibonacci numbers and their applications, Vol. 9, [gen>](#)
- Yang1988, *Limits of q-polynomial coefficients*, Fibonacci Quart. 1988 (26,1): 64-69, [fibqy>](#)
- Yap P-T. Jiang X. Kot2010, *Two-dimensional polar harmonic transforms for invariant image representation*, IEEE Trans. Pattern Anal. Machine Intel. vol. 32, no. 7, Jul 2010, [gen>](#)
- Yap P-T. Paramesran Ong S-H.2007, *Image Analysis Using Hahn Moments*, IEEE Trans. Pattern Anal. Machine Intel. vol. 29, no. 11, Nov 2007, [gen>](#)
- Yasmin2014, *Some properties of generalized Gegenbauer matrix polynomials*, Int. J. of Analysis Vol. 2014 (2014), Article ID 780649, 12 p, [gen>](#)
- Yayenie2011, *A note on generalized Fibonacci sequences*, Appl. Math. Comput. Vol. 217, Issue 12, Feb 2011, 5603-5611, [gen>](#)
- Yazlik Taskara2012, *A note on generalized k-Horadam sequence*, Comput. Math. Appl. Vol. 63, Issue 1, Jan 2012, 36-41, [gen>](#)
- YeLim2015, *Every matrix is a product of Toeplitz matrices*, Found. Comp. Math. (Mar 2015), [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, [gen>](#)
- Yi2006, *Some identities involving Bernoulli numbers and Euler numbers*, Scientia Magna Vol. 2, No. 1, 2006, 102-107, [gen>](#)
- Yilmaz Taskara2014, *Incomplete Tribonacci-Lucas numbers and polynomials*, arXiv (16 Apr 2014), [aXv>](#)
- Yokota2010, *Solutions of polynomial Pell's equation*, J.

Number Theory 130 (2010) 2003-2010, [jou](#)

- Young1992, *Apéry numbers, Jacobi sums, and special values of generalized p -adic hypergeometric functions*, J. Number Theory 41, 231-255 (1992), [jou](#)
- Young1994, *p -adic congruences for generalized Fibonacci sequences*, Fibonacci Quart. 1994 (32,1): 2-10, [fibqy](#)
- Young1995, *Quadratic reciprocity via Lucas sequences*, Fibonacci Quart. 1995 (33,1): 78-81, [fibqy](#)
- Young2003a, *On lacunary recurrences*, Fibonacci Quart. 2003 (41,1): 41-47, [fibqy](#)
- Young2003b, *Congruences for degenerate number sequences*, Discrete Math. Vol. 270, Issues 1–3, 28 Aug 2003, 279-289, [gen](#)
- Young2008, *Degenerate Bernoulli polynomials, generalized factorial sums, and their applications*, J. Number Theory Vol. 128, Issue 4, Apr 2008, 738-758, [jou](#)
- YuanHeZhou2014, *On the sum of reciprocal generalized Fibonacci numbers*, Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 402540, 4 p, [gen](#)
- 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](#)

Z

- Zagier1985, *Modular parametrizations of Elliptic curves*, Canad. Math. Bull. Vol. 28 (3), 1985, [nat](#)
- Zagier2014, *Appendix Curious and exotic identities for Bernoulli numbers*, T. Arakawa et al., *Bernoulli Numbers and Zeta Functions*, Springer Monographs in Mathematic, [gen](#)
- Zannier2005, *Diophantine equations with linear recurrences An overview of some recent progress*, J.

- Théor. Nombres Bordeaux 17 (2005), 423-435, [nat>](#)
- Zaremba1970, *A remarkable lattice generated by Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 185-198, [fibqy>](#)
 - Zayed1990, *Jacobi polynomials as generalized Faber polynomials*, Trans. Amer. Math. Soc. Vol. 321, No. I, Sep 1990, [nat>](#)
 - Zeilberger2014, *Automatic énumeration of generalized ménage numbers*, Sémin. Lothar. Combin. 71 (2014), Article B71a, [gen>](#)
 - ZekiriBencherif2011, *A new recursion relationship for Bernoulli numbers*, Ann. Math. Inform. 38 (2011) 123-126, [gen>](#)
 - 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>](#)
 - 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>](#)
 - Zeng J.1996, *Sur quelques propriétés de symétrie des nombres de Genocchi*, Discrete Math. 153 (1996) 319-333, [gen>](#)
 - Zeng J.2006, *The Akiyama-Tanigawa algorithm for Carlitz's q -Bernoulli numbers*, Integers 6 (2006), [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>](#)
 - 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>](#)
 - 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 H.HanCoatrieuxLuoCoatrieux2010, *Blurred image recognition by Legendre moment invariants*, IEEE Trans. Image Processing, Vol. 19 Issue 3, Mar 2010, 596-611, [gen>](#)

- Zhang R.Chen L-C.2011, *Matrix inversion using orthogonal polynomials*, Arab J. Math. Sci. (2011) Vol. 17, Issue 1, Jan 2011, 11-30, [nat>](#)
- Zhang S-W2002, *Elliptic curves, L-functions, and CM-points*, xxxx, [gen>](#)
- 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.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.1997b, *Some identities involving generalized second-order integer sequences*, Fibonacci Quart. 1997 (35,3): 265-268, [fibqy>](#)
- Zhang Z.1998, *Recurrence sequences and Nordlund-Bernoulli polynomials*, Math. Morav. Vol. 2 (1998), 161-168, [nat>](#)
- Zhang Z.Jin1998, *Some identities involving generalized Genocchi polynomials and generalized Fibonacci-Lucas sequences*, Fibonacci Quart. 1998 (36,4): 329-334, [fibqy>](#)
- Zhang Z.Liu1998a, *An extension of the generalized Pascal matrix and its algebraic properties*, Linear Algebra Appl. Vol. 271, Issues 1–3, 1 Mar 1998, 169-177, [gen>](#)
- Zhang Z.Liu1998b, *Generalizations of some identities involving generalized second-order integer sequences*, Fibonacci Quart. 1998 (36,4): 327-328, [fibqy>](#)
- 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>](#)
- 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>](#)
- ZhangWuyungaowa2013, *Some identities involving generalized harmonic polynomial and power*, Int. J. Pure Appl. Math. Vol. 84, No. 1, 2013, 141-148, [gen>](#)
- 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.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.2001a, *Generalizations of some identities involving the Fibonacci numbers*, Fibonacci Quart. 2001 (39,2): 165-167, [fibqy>](#)
- 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.2001b, *Some identities for the generalized Fibonacci and Lucas functions*, Fibonacci Quart. 2001 (39,5): 436-438, [fibqy>](#)
- Zhao F-Z.2008, *Some properties of associated Stirling numbers*, J. Integer Seq. Vol. 11 (2008), Article 08.1.7, [jis>](#)
- Zhao F-Z.Wang T.2003, *Some identities involving the powers of the generalized Fibonacci numbers*, Fibonacci Quart. 2003 (41,1): 7-12, [fibqy>](#)
- Zhao J.HongZhao W.2014, *Divisibility by 2 of Stirling numbers of the second kind and their differences*, J. Number Theory, Vol. 140, Jul 2014, 324-348, [jou>](#)
- 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>](#)

- Zhao X.Ding2002, *Sequences related to Riordan arrays*, Fibonacci Quart. 2002 (40,3): 247-252, [fibqy>](#)
- Zhao X.DingWang T.2004, *Some summation rules related to the Riordan arrays*, Discrete Math. Vol. 281, Issues 1–3, Apr 2004, 295-307, [gen>](#)
- Zhao X.Wang T.2003, *Some identities related to reciprocal functions*, Discrete Math. Vol. 265, Issues 1–3, Apr 2003, 323-335, [gen>](#)
- Zhao Y.2008-09, *The coefficients of a truncated Fibonacci power series*, Fibonacci Quart. 2008-09 (46-47,1): 53-55, [fibqy>](#)
- Zhizheng Z.1997, *The linear algebra of the generalized Pascal matrix*, Linear Algebra Appl. Vol. 250, Jan 1997, 51-60, [gen>](#)
- Zhou J.Shu H.Zhu H.ToumoulinLuo L2006, *Image analysis by discrete orthogonal dual Hahn moments*, Image Anal. Recognition, Vol. 3656-Lecture Notes in Computer Science, 524-531, [gen>](#)
- Zhou1996, *On the kth-order derivative sequences of Fibonacci and Lucas polynomials*, Fibonacci Quart. 1996 (34,5): 394-408, [fibqy>](#)
- Zhou2003, *Applications of matrix theory to congruence properties of kth-order F-L sequences*, Fibonacci Quart. 2003 (41,1): 48-58, [fibqy>](#)
- Zhu H.Shu H.Zhou J.Luo L.Coatrlieux2007, *Image analysis by discrete orthogonal dual Hahn moments*, [Pattern Recognition Lett. Vol. 28, Issue 13, Oct 2007, 1688-1704, gen>](#)
- Zhu H.Z.Shu H.Liang J.Luo L.Coatrlieux2007, *Image analysis by discrete orthogonal Racah moments*, Signal Processing, 2007, 87 (4), 687-708, [gen>](#)
- ZhuWakin2016, *On the asymptotic equivalence of circulant and Toeplitz matrices*, arXiv (Aug 2016), [aXv>](#)
- 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>](#)

- Zudilin2014, *A generating function of the squares of Legendre polynomials*, Bull. Austral. Math. Soc. 89:1 (2014) 125-131 arXiv (4 dec 2012), [aXv>](#)
- Zykin2014, *Uniform distribution of zeroes of L-functions of modular forms*, arXiv (9 dec 2014), [aXv>](#)