Glossary-Contents

Fibonacci

- BenjaminCameronQuinn2007, *Fibonacci determinants - a combinatorial approach,* Fibonacci Quart. 45(1): 39-55. Claremont Colleges - HMC Faculty Scholarship, [fibqy>](#)
- Bicknell-Johnson2003, *Stern's diatomic array applied to Fibonacci representations,* Fibonacci Quart. 2003 (41,2): 169-179, [fibqy>](#)
- Bunder1978, *More Fibonacci functions,* Fibonacci Quart. 1978 (16,2): 97-98, [fibqy>](#)
- Cereceda2014, *Determinantal representations for generalized Fibonacci and tribonacci numbers,* Int. J. Contemp. Math. Sci. Vol. 9, 2014, no. 6, 269-285, [gen>](#)
- Elmore1967, *Fibonacci functions,* Fibonacci Quart. 1967 (5,4): 371-382, [fibqy>](#)
- Er1984, *The matrices of Fibonacci numbers,* Fibonacci Quart. 1984 (22,2): 134-139, [fibqy>](#)
- Heimer1967, *A general Fibonacci function,* Fibonacci Quart. 1967 (5,5): 481-483, [fibqy>](#)
- Hosoya1976, *Fibonacci triangle,* Fibonacci Quart. 1976 (14,2): 173-179, [fibqy>](#)
- Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle,* Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, [gen>](#)
- SilberGellar1976, *The algebra of Fibonacci representations,* Fibonacci Quart. 1976 (14,4): 289-326, [fibqy>](#)
- StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices,* Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606–2619, [gen>](#)
- Vaughan1976, *A note on some arithmetic functions connected with the Fibonacci numbers,* Fibonacci Quart. 1976 (14,3): 244-248, [fibqy>](#)
- Wang W.Wang T.2008a, *Identities via Bell matrix and Fibonacci matrix,* Discrete Appl. Math. Vol. 156, Issue 14, 28 Jul 2008, 2793–2803, [gen>](#)
- 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>](#)
- Zhao F.Wang T.2001b, *Some identities for the generalized Fibonacci and Lucas functions,* Fibonacci Quart. 2001 (39,5): 436-438, [fibqy>](#)

Fibonacci matrices

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

Fibonacci-like(_Fibonacci-type)

- Asveld1987, *A family of Fibonacci like sequences,* Fibonacci Quart. 1987 (25,1): 81-83, fibqy>
- BadshahTeethDar2012, *Generalized Fibonacci-like sequence and its properties,* Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 21-24, 1155-1164, gen>
- CapocelliCull2003, *Rounding the solutions of Fibonacci-like difference equations,* Fibonacci Quart. 2003 (41,2): 133-141, fibqy>
- GuptaPanwarSikhwal2012b, *Generalized Fibonacci-like polynomial and its determinantal identities,* Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 29, 1415-1420, gen>
- HarneBadshahSethiya2014, *Some identities of Fibonacci like sequences,* Int. J. of Math. and Computer Research Vol. 2, issue 3, Mar 2014: 371-374, gen>
- HoradamFilipponi1991, *Cholesky algorithm matrices of Fibonacci type and properties of generalized sequences,* Fibonacci Quart. 1991 (29,2): 164-173, fibqy>
- IsmailescuSon2014, *A new kind of Fibonacci-like sequence of composite numbers,* J. of Integer Seq., Vol. 17 (2014), Article 14.8.2, jis>
- Joshi2013, *Fibonacci like sequences and characteristic properties,* Bull. Marathwada Math. Soc. Vol. 14, No. 2, Dec 2013, 25-34, nat>
- KaygisizSahin2012a, *Determinant and permanent of Hessenberg matrix and Fibonacci type numbers,* Gen. Math. Notes Vol. 9, No. 2, April 2012, 32-41, gen>
- Kohler1985, *Generating functions of Fibonacci-like sequences and decimal expansions of some fractions,* Fibonacci Quart. 1985 (23,1): 29-35, fibqy>
- PanarioSahinWang2013, *A family of Fibonacci-like conditional sequences,* Integers 13 (2013), 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>
- PhilippouMakri1985, *Longest success runs and Fibonacci-type polynomials,* Fibonacci Quart. 1985 (23,4): 338-345, fibqy>
- Pla1994, *An "All or None" divisibility property for a class of Fibonacci-like sequences of integers,* Fibonacci Quart. 1994 (32,3): 226-227, fibqy>
- 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>
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers,* Chaos Solitons Fractals, Vol. 27, Issue 5, Mar 2006, 1162–1177, gen>

- Swift2003, *Some Fibonacci-like sequences,* Appl. Prob. Trust 2003, <u>gen></u>
- Vinh2007, *On Fibonacci-like sequences,* J. Integer Seq. Vol. 10 (2007), Article 07.10.2, <u>jis></u>
- Vsemirnov2004, *A new Fibonacci-like sequence of composite numbers,* J. Integer Seq. Vol. 7 (2004), Article 04.3.7, <u>jis></u>

Fibonacci (q-)numbers

- Alfred1963, *Exploring Fibonacci numbers,* Fibonacci Quart. 1963 (1,1): 57-63, <u>fibqy></u>
- AndradeSantosdaSilvaSilva2013, *Polyn. generalizations and combin. interpretations for seq. including the Fibonacci and Pell numbers,* Open J. Discrete Math. 2013, 3, 25-32, <u>gen></u>
- Andrews1969, *Some formulae for the Fibonacci sequence with generalizations,* Fibonacci Quart. 1969 (7,2): 113-130, <u>fibqy></u>
- Antoniadis1985, *Fibonacci and Lucas numbers of the form $3z^2 + 1$,* Fibonacci Quart. 1985 (23,4): 300-307, <u>fibqy></u>
- ArdalGundersonJungicLandmanWilliamson2008-09, *Ramsey results involving the Fibonacci numbers,* Fibonacci Quart. 2008-09 (46-47,1): 10-17, <u>fibqy></u>
- ArkinHoggatt, Jr.1970, *An extension of Fibonacci numbers -- II,* Fibonacci Quart. 1970 (8,2): 199-216, <u>fibqy></u>
- BelbachirBelkhir2014*, Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers*, J. Integer Seq. Vol. 17 (2014),Article 14.4.3, <u>aXv></u>
- BenjaminHeberle2014, *Counting on r-Fibonacci numbers,* Fibonacci Quart. 52 (2014), no. 2, 121–128, <u>fibqy></u>
- BenjaminQuinn2005-2006, *Revisiting Fibonacci and related sequences,* Math. Teacher, Vol. 99, No. 5 (2005-2006), <u>gen></u>
- Bollinger1984, *Fibonacci k-sequences, Pascal-T triangles, and k-in-a-row problems,* Fibonacci Quarterly 1984 (22,2): 146-151, <u>fibqy></u>
- Berg2011, *Fibonacci numbers and orthogonal polynomials,* Arab J. Math. Sci. Vol. 17, Issue 2, Jul 2011, 75–88, <u>nat></u>
- BernoussiMottaRachidiSaeki2001, *Approximation of infinite generalized Fibonacci sequences and their asymptotic Binet formula,* Fibonacci Quart. 2001 (39,2): 168-180, <u>fibqy></u>
- Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences,* Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, <u>gen></u>
- Bouras2013, *A new characterization of Catalan numbers related to Hankel transforms and Fibonacci numbers,* J. Integer Seq. Vol. 16 (2013), Article 13.3.3, <u>jis></u>
- Brousseau1969b, *Summation of infinite Fibonacci series,* Fibonacci Quart. 1969 (7,2): 143-168, <u>fibqy></u>

- Brousseau1972, *A note on the number of Fibonacci sequences,* Fibonacci Quart. 1972 (10,6): 657-658, [fibqy>](#)
- Bruckner1970, *Fibonacci sequence modulo a prime p ≡ 3 (mod 4),* Fibonacci Quart. 1970 (8,2): 217-220, [fibqy>](#)
- Byrd1963, *Expansion of analytic functions in polynomials associated with Fibonacci numbers,* Fibonacci Quart. 1963 (1,1): 16-27, [fibqy>](#)
- CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers,* Fibonacci Quart. 2003 (vol.41,1): 13-19, [arXiv>](#)
- Carlitz1968b, *Fibonacci representations,* Fibonacci Quart. 1968 (6,4): 193-220, [fibqy>](#)
- Carlitz1970, *Fibonacci representations -- II,* Fibonacci Quart. 1970 (8,2): 113-134, [fibqy>](#)
- Carlitz1974a, *Fibonacci notes -- 3: q-Fibonacci numbers,* Fibonacci Quart. 1974 (12,4): 317-322, [fibqy>](#)
- Carlitz1978b, *Some classes of Fibonacci sums,* Fibonacci Quart. 1978 (16,5): 411-425, [fibqy>](#)
- CarlitzScovilleVaughan1973, *Some arithmetic functions related to Fibonacci numbers,* Fibonacci Quart. 1973 (11,4): 337-386, [fibqy>](#)
- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers,* Fibonacci Quart. 1974 (12,4): 336-338, [fibqy>](#)
- CvetkovicRajkovicIvkovic2002, *Catalan numbers, the Hankel transform, and Fibonacci numbers,* J. Integer Seq. Vol. 5 (2002), Article 02.1.3, [jis>](#)
- de AndradeSantosda SilvaSilva2013, *Polynomial generalizations and combinatorial interpretations for seq. including the Fibonacci and Pell numbers,* Open J. of Discrete Math. 2013, 3, 25-32, [gen>](#)
- deBruijn1974, *An extension of Fibonacci's sequence,* Fibonacci Quart. 1974 (12,3): 251-258, [fibqy>](#)
- Dilcher2000, *Hypergeometric functions and Fibonacci numbers,* Fibonacci Quart. 2000 (38,4): 342-363, [fibqy>](#)
- Dubeau1993, *The rabbit problem revisited,* Fibonacci Quart. 1993 (31,3): 268-273, [fibqy>](#)
- DresdenDu2014, *A simplified Binet formula for k-generalized Fibonacci numbers,* J. Integer Seq. Vol. 17 (2014), Article 14.4.7, [jis>](#)
- Er1984, *The matrices of Fibonacci numbers,* Fibonacci Quart. 1984 (22,2): 134-139, [fibqy>](#)
- FalconPlaza2009, *On k-Fibonacci sequences and polynomials and their derivatives,* Chaos Solitons Fractals, Vol. 39, Issue 3, Feb 2009, 1005–1019, [gen>](#)
- Feinberg1963, *Fibonacci-Tribonacci,* Fibonacci Quart. 1963 (1,3): 71-74, [fibqy>](#)

- Ferns1969, *Products of Fibonacci and Lucas numbers,* Fibonacci Quart. 1969 (7,1): 1-12, fibqy>
- Filipponi1996, *On the Fibonacci numbers whose subscript is a power,* Fibonacci Quart. 1996 (34,3): 271-276, fibqy>
- Gamkrelidze1995, *On a probalistic property of the Fibonacci sequence,* Fibonacci Quart. 1995 (33,2): 147-152, fibqy>
- GarnierRamaré2008-09, *Fibonacci numbers and trigonometric identities,* Fibonacci Quart. 2008-09 (46-47,1): 56-61, fibqy>
- GarthMillsMitchell2007, *Polynomials generated by the Fibonacci sequence,* J. Integer Seq. Vol. 10 (2007), Article 07.6.8, jis>
- Geldenhuys1981, *On the Fibonacci numbers minus one,* Fibonacci Quart. 1981 (19,5): 456-457, fibqy>
- Geldenhuys(errata)1982, *(errata)On the Fibonacci numbers minus one,* Fibonacci Quart. 1982 (20,2): 192, fibqy>
- Gica2008-09, *Quadratic residues in Fibonacci sequences,* Fibonacci Quart. 2008-09 (46-47,1): 68-72, fibqy>
- GodaseDhakne2014, *On the properties of k-Fibonacci and k-Lucas numbers,* Int. J. Adv. Appl. Math. and Mech. 2 (1) (2014), 100-106, gen>
- Good1974, *A reciprocal series of Fibonacci numbers,* Fibonacci Quart. 1974 (12,4): 346, fibqy>
- Gootherts1968a, *Linear algebra constructed from Fibonacci sequences Part I: Fundamentals and polynomial interpretations,* Fibonacci Quart. 1968 (6,5): 35-42, fibqy>
- Gootherts1968b, *Linear algebra constructed from Fibonacci sequences Part II: Function sequences and Taylor series of function sequences,* Fibonacci Quart. 1968 (6,5): 44-54, fibqy>
- Gould1965, *Non-Fibonacci numbers,* Fibonacci Quart. 1965 (3,3): 177-183, fibqy>
- Gould1965_(corrections), *Non-Fibonacci numbers,* Fibonacci Quart. 1965 (3,3): 184, fibqy>
- Gould1981, *A history of the Fibonacci Q-matrix and a higher-dimensional problem,* Fibonacci Quart. 1981 (19,3): 250-256, fibqy>
- GoytSagan2009, *Set partition statistics and q-Fibonacci numbers,* European J. Combin. Vol. 30, Issue 1, Jan. 2009, 230–245, gen>
- GregoryMetzger1978, *Fibonacci sine sequences,* Fibonacci Quart. 1978 (16,2): 119-120, fibqy>
- Heberle2012, *A combinatorial approach to r-Fibonacci numbers,* Harvey Mudd College Department of Math.-Clarement-USA (2012). HMC Senior Theses. 34, gen>

- JiaLiuWang2007, *q-analogs of generalized Fibonacci and Lucas polynomials,* Fibonacci Quart. 2007 (45,1): 26-34, fibqy>
- Halton1967, *Some properties associated with square Fibonacci numbers,* The Fibonacci Quarterly 1967 (5,4): 347-354, fibqy>
- Heyde1980, *On a probabilistic analogue of the Fibonacci sequence,* J. Appl. Probab. Vol. 17, No. 4, Dec 1980, 1079-1082, jou>
- HiltonPedersenVrancken1995, *On certain arithmetic properties of Fibonacci and Lucas numbers,* Fibonacci Quart. 1995 (33,3): 211-217, fibqy>
- Hoggatt, Jr.1967, *Fibonacci numbers and generalized binomial coefficients,* Fibonacci Quart. 1967 (5,4): 383, fibqy>
- Hoggatt, Jr.Basin1963a, *Representations by complete sequences-Part I (Fibonacci),* Fibonacci Quart. 1963 (1,3): 1-14, fibqy>
- Hoggatt, Jr.Bicknell1976e, *Reciprocal series of Fibonacci numbers with subscripts 2^{nk},* Fibonacci Quart. 1976 (14,5): 453-454, fibqy>
- IsmailStanton1997, *Classical Orthogonal Polynomials as moments,* Can. J. Math. Vol. **49** (3), 1997, 520–542, nat>
- 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>
- Jennings1994, *On sums of reciprocals of Fibonacci and Lucas numbers,* Fibonacci Quart. 1994 (32,1): 18-21, fibqy>
- John1984, *On the asymptotic proportions of zeros and ones in Fibonacci sequences,* Fibonacci Quart. 1984 (22,2): 144-145, fibqy>
- Joshi2006, *Applications of Fibonacci numbers,* J. Int. Acad. Phys. Sci. Vol.10 (2006), 103-112, jou>
- Jun S.P.2015, *Complex factorizations of the generalized Fibonacci sequences {qn},* Korean J. Math. 23 (2015), No. 3, 371-377, nat>
- Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle,* Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, gen>
- Lang1992, *A combinatorial problem in the Fibonacci nb. system and two-variable generalizazions of Chebyshev's polynomials,* Fibonacci Quart. 1992 (30,3): 199-210, fibqy>
- LeeAsci2012, *Some properties of the (p,q)-Fibonacci and (p,q)-Lucas polynomials,* J. Appl. Math. Vol. 2012 (2012), Article ID 264842, 18 pages, jou>
- LeeKimLee2002, *Factorizations and eignvalues of Fibonacci and symmetric Fibonacci matrices,* Fibonacci Quart. 2002 (40,3): 203-211, fibqy>
- Levine1968, *Fibonacci sequences with identical characteristic values,* Fibonacci Quart. 1968 (6,5): 75-80, fibqy>

- Liu2002, *Formulas for convolution Fibonacci numbers and polynomials,* Fibonacci Quart. 2002 (40,4): 352-357, fibqy>
- Luca2000, *Equations involving arithmetic functions of Fibonacci and Lucas numbers,* Fibonacci Quart. 2000 (38,1): 49-55, fibqy>
- LuJang2013, *The sum and product of Fibonacci numbs. and Lucas numbs., Pell numbs. and Pell-Lucas numbs. representation by matrix method,* WSEAS Trans. on Math., Issue 4, Vol. 12, Apr 2013, gen>
- MansourShattuck2012, *Polynomials whose coefficients are k-Fibonacci numbers,* Ann. Math. Inform. **40** (2012), p 57–76, gen>
- MarquesTrojovsky2012, *On divisibility of Fibonomial coefficients by 3,* J. Integer Seq. Vol. 15 (2012), Article 12.6.4, jis>
- MasonHudson2004, *A generalization of Euler's formula and its connection to Fibonacci numbers,* Proc. 10th int. Conf. on Fibonacci numbers and their Applic. 2004, Vol. 9, 177-185, gen>
- May_1968, *On a characterization of the Fibonacci sequence,* Fibonacci Quart. 1968 (6,5): 11-14, fibqy>
- Melham1999, *Sums involving Fibonacci and Pell numbers,* Port. Math. Vol. 56 Fasc. 3, 1999, nat>
- Melham2000, *Sums of certain products of Fibonacci and Lucas numbers-Part II,* Fibonacci Quart. 2000 (38,1): 3-7, fibqy>
- Melham2003, *On some reciprocal sums of Brousseau; an alternative approach to that of Carlitz,* Fibonacci Quart. 2003 (41,1): 58-62, fibqy>
- MezòDil2009, *Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence,* Cent. Eur. J. Math. Jun 2009, Vol. 7, Issue 2, 310-321, gen>
- Miles, Jr.1960, *Generalized Fibonacci numbers and associated matrices,* Amer. Math. Monthly,Vol. 67, No. 8 (Oct., 1960), 745-752, nat>
- Monzingo1974a, *On extending the Fibonacci numbers to the negative integers,* Fibonacci Quart. 1974 (12,3): 292, fibqy>
- Monzingo1974b, *On extending the Fibonacci numbers to the negative integers (continued I),* Fibonacci Quart. 1974 (12,3): 308, fibqy>
- Monzingo1974c, *On extending the Fibonacci numbers to the negative integers (continued II),* Fibonacci Quart. 1974 (12,3): 316, fibqy>
- Munarini2005, *Generalized q-Fibonacci numbers,* Fibonacci Quart. 2005 (43,3): 233-242, fibqy>
- Pandey2013, *On some magnified Fibonacci numbers modulo a Lucas number,* J. Integer Seq. Vol. 16 (2013), Article 13.1.7, jis>
- RamirezSirvent2016, *A q-analogue of the bi-periodic Fibonacci sequence,* J. Integer Seq., Vol. 19 (2016), Article 16.4.6, jis>

- Robbins1994, *On Fibonacci numbers and primes of the form 4k + 1,* Fibonacci Quart. 1994 (32,1): 15-16, fibqy>
- Shapiro1976b, *Fibonacci numbers and upper triangular groups,* Fibonacci Quart. 1976 (14,3): 201-202, fibqy>
- ShiuYerger2009, *Geometric and Harmonic variations of the Fibonacci sequence,* Mathematical Spectrum 2009, gen>
- Sofo2003, *Fibonacci and some of his relations,* The Math. Educ. into the 21st Century Project - Proc. Int. Conf. Brno, Czech Rep. 2003, gen>
- SofoCerone1998b, *On a Fibonacci related series,* Fibonacci Quart. 1998 (36,3): 211-215, fibqy>
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers,* Chaos Solitons Fractals, Vol. 27, Issue 5, Mar 2006, 1162–1177, gen>
- StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices,* Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606–2619, gen>
- Stanley1976, *Some remarks on the periodicity of the sequence of Fibonacci numbers,* Fibonacci Quart. 1976 (14,1): 52-53, fibqy>
- Steiner1978, *On N-th powers in the Lucas and Fibonacci series,* Fibonacci Quart. 1978 (vol.16,5): 451-458, fibqy>
- Sun Z-H.Sun Z-W.1992, *Fibonacci numbers and Fermat's last theorem,* Acta Arith. LX.4 (1992), gen>
- Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers,* J. Integer Seq. Vol. 19 (2016), Article 16.5.4, jis>
- Vaughan1976, *A note on some arithmetic functions connected with the Fibonacci numbers,* Fibonacci Quart. 1976 (14,3): 244-248, fibqy>
- Vince1978, *The Fibonacci sequence modulo N,* Fibonacci Quart. 1978 (16,5): 403-406, fibqy>
- Wall1985, *On triangular Fibonacci numbers,* Fibonacci Quart. 1985 (23,1): 77-79, fibqy>
- Williams1975, *On Fibonacci numbers of the form k^2 + 1,* Fibonacci Quart. 1975 (13,3): 213-214, fibqy>
- WitulaSlota2009, *δ-Fibonacci numbers,* Appl. Anal. Discrete Math. 2009, **3** Issue 2, 310-329, gen>
- 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 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>
- Zhao Y.2008-09, *The coefficients of a truncated Fibonacci power series,* Fibonacci Quart. 2008-09 (46-47,1): 53-55, fibqy>

Fibonacci (q-)polynomials

- AharonovBeardonDriver2005, *Fibonacci, Chebyshev, and orthogonal polynomials,* Amer. Math. Monthly Vol. 112, No. 7 (2005), 612-630, nat>
- 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>
- Carlitz1975a, *Fibonacci notes--4: q-Fibonacci polynomials,* Fibonacci Quart. 1975 (13,2): 97-102, fibqy>
- Cigler2003, *q-Fibonacci polynomials,* Fibonacci Quart. 2003 (41,1): 31-40, 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>
- Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials,* Fibonacci Quart. 1978 (16,5): 385-402, fibqy>
- Hoggatt, Jr.Lind1968, *Symbolic substitutions into Fibonacci polynomials,* Fibonacci Quart. 1968 (6,5): 55-74, fibqy>
- 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>
- Li2014, *On Chebyshev polynomials, Fibonacci polynomials, and their derivatives,* J. Appl. Math. Vol. 2014, Article ID 451953, 8 p, jou>
- Liu2002, *Formulas for convolution Fibonacci numbers and polynomials,* Fibonacci Quart. 2002 (40,4): 352-357, fibqy>
- Popov1985, *A note on the sums of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1985 (23,3): 238-239, fibqy>
- Prodinger2009, *On the expansion of Fibonacci and Lucas polynomials,* J. Integer Seq. Vol. 12 (2009), Article 09.1.6, jis>
- Tauber1968a, *Lah numbers for Fibonacci and Lucas polynomials,* Fibonacci Quart. 1968 (6,5): 93-99, 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>
- Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials,* J. Integer Seq. Vol. 15 (2012), Article 12.2.7, jis>
- Wang J.1995, *On the kth derivative sequences of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1995 (33,2): 174-178, fibqy>

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

Fibonacci generalized (q-)numbers

- AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences,* Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, <u>gen></u>
- AndradePethe1992, *On the rth-order nonhomogeneous recurrence relation and some generalized Fibonacci sequences,* Fibonacci Quart. 1992 (30,3): 256-262, <u>fibqy></u>
- AtanassovAtanassovaSasselov1985, *A new perspective to the generalization of the Fibonacci sequence,* Fibonacci Quart. 1985 (23,1): 21-28, <u>fibqy></u>
- AtanassovHleBarskaMihov1992, *Recurrent formulas of the generalized Fibonacci and Tribonacci sequences,* Fibonacci Quart. 1992 (30,1): 77-79, <u>fibqy></u>
- BelbachirBencherif2007, *Sums of products of generalized Fibonacci and Lucas numbers,* arXiv (17 Aug 2007), <u>aXv></u>
- BernoussiMottaRachidiSaeki2001, *Approximation of infinite generalized Fibonacci sequences and their asymptotic Binet formula,* Fibonacci Quart. 2001 (39,2): 168-180, <u>fibqy></u>
- Bernstein1976, *A formula for Fibonacci numbers from a new approach to generalized Fibonacci numbers,* Fibonacci Quart. 1976 (14,4): 358-367, <u>fibqy></u>
- Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences,* Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, <u>gen></u>
- Cerda-Morales2013, *On generalized Fibonacci and Lucas numbers by matrix methods,* Hacet. J. Math. Stat. Vol. 42 (2) (2013), 173-179, <u>gen></u>
- Cereceda2014, *Determinantal representations for generalized Fibonacci and tribonacci numbers,* Int. J. Contemp. Math. Sci. Vol. 9, 2014, no. 6, 269-285, <u>gen></u>
- Cerin2009, *Sums of products of generalized Fibonacci and Lucas numbers,* Demonstratio Math. Vol. XLII No 2 (2009), <u>gen></u>
- ChaouiMoulineRachidi2002, *Application of Markov chains properties to ∞-generalized Fibonacci sequences,* Fibonacci Quart. 2002 (40,5): 453-459, <u>fibqy></u>
- DeCarli1970a, *A generalized Fibonacci sequence over an arbitrary ring-Part I,* Fibonacci Quart. 1970 (8,2): 182-184, <u>fibqy></u>
- DeCarli1970b, *A generalized Fibonacci sequence over an arbitrary ring-Part II,* Fibonacci Quart. 1970 (8,2): 198, <u>fibqy></u>
- EdsonYayenie2009, *A new generalization of Fibonacci sequence and extended Binet's formula,* Integers 9 (2009), 639-654, <u>gen></u>

- FengZhang Z.2003, *Computational formulas for convoluted generalized Fibonacci and Lucas numbers,* Fibonacci Quart. 2003 (vol.41,2): 144-151, fibqy>
- Fuller1978, *Vectors whose elements belong to a generalized Fibonacci sequence,* Fibonacci Quart. 1978 (16,5): 447-450, fibqy>
- GulecTaskaraUslu2013, *A new approach to generalized Fibonacci and Lucas numbers with binomial coefficients,* Appl. Math. Comput. Vol. 220, Sep 2013, 482–486, gen>
- GuptaPanwar2012, *Common factors of generalized Fibonacci, Jacobsthal and Jacobsthal-Lucas numbers,* Int. J. Appl. Math. Research, 1 (4) (2012) 377-382, gen>
- GuptaPanwarSikhwal2012a, *Generalized Fibonacci sequences,* Theoretical Math. and Appl. vol.2, no.2, 2012, 115-124, gen>
- Hilton1974, *On the partition of Haradam's generalized sequences into generalized Fibonacci and generalized Lucas sequences,* Fibonacci Quart. 1974 (12,4): 339-344, 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 =±1,* Fibonacci Quart. 1978 (16,2): 128-137, fibqy>
- HollidayKomatsu2011, *On the sum of reciprocal generalized Fibonacci numbers,* Integers 11A (2011) - Proc. of Integers Conference 2009, gen>
- Horadam1961, *A generalized Fibonacci sequence,* Amer. Math. Monthly Vol. 68, No. 5 (May, 1961), 455-459, nat>
- Howard2003, *The sum of squares of two generalized Fibonacci numbers,* Fibonacci Quart. 2003 (41,1): 80-84, fibqy>
- Lee J-Z.Lee J-S.1988, *A note on the generalized Fibonacci numbers,* Fibonacci Quart. 1998 (26,1): 14-19, fibqy>
- LeeLeeKimShin2001, *The Binet formula and representations of k-generalized Fibonacci numbers,* Fibonacci Quart. 2001 (39,2): 158-164, fibqy>
- Melham2013, *Finite sums that involve reciprocals of products of generalized Fibonacci numbers,* Integers 13 (2013), gen>
- Muskat1993, *Generalized Fibonacci and Lucas sequences and rootfinding methods,* Math. Comp. **61** (1993), 365-372, gen>
- Nyblom2001, *On irrational valued series involving generalized Fibonacci numbers II,* Fibonacci Quart. 2001 (39,2): 149-157, fibqy>
- Nyblom2003, *A non-integer property of elementary symmetric functions in reciprocals of generalized Fibonacci numbers,* Fibonacci Quart. 2003 (41,2): 152-155, fibqy>
- ÖcalTugluAltinisik2006, *On the representation of k-generalized Fibonacci and Lucas numbers,* Applied Math. Comp. Vol. 170, Issue 1, 584-596 (1 Nov 2005), gen>

- Ozgur2002, *Generalizations of Fibonacci and Lucas sequences,* Note di Matematica 21, n. 1, 2002, 113–125, 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>
- 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>
- Rudolph-Lilith2016, *On the product representation of number sequences, with applications to the family of generalized Fibonacci numbers,* J. Integer Seq. Vol. 19 (2016), Article 16.3.6, jis>
- SantosIvkovic2005, *Polynomial generalizations of the Pell sequences and the Fibonacci sequence,* Fibonacci Quart. 2005 (43,4): 328-338, fibqy>
- Sburlati2002, *Generalized Fibonacci sequences and linear congruences,* Fibonacci Quart. 2002 (40,5): 446-452, fibqy>
- Sburlati2007, *Generalized Fibonacci sequences and linear recurrences,* Rend. Sem. Mat. Univ. Pol. Torino - Vol. 65, 3 (2007), nat>
- Shannon2010, *Another generalization of the Fibonacci and Lucas numbers,* Notes Number Theory Discrete Math.16 (2010), 3, 11-17, gen>
- SiarKeskin2013, *Some new identities concerning generalized Fibonacci and Lucas numbers,* Hacet. J. Math. Stat. Vol. 42 (3) (2013), 211-222, gen>
- SilvaHoggatt Jr.1980, *Generalized Fibonacci numbers,* Fibonacci Quart. 1980 (14,4): 290-299, fibqy>
- TaherMoulineRachidi2002, *Convergence of r-generalized Fibonacci sequences and an extension of Ostrowski's condition,* Fibonacci Quart. 2002 (40,5): 386-393, fibqy>
- Waddill1974, *Matrices and generalized Fibonacci sequences,* Fibonacci Quart. 1974 (12,4): 381-386, fibqy>
- WaltonHoradam1974a, *Some aspects of generalized Fibonacci numbers,* Fibonacci Quart. 1974 (12,3): 241-250, fibqy>
- Wloch2013, *Some identities for the generalized Fibonacci numbers and the generalized Lucas numbers,* Appl. Math. Comput. Vol. 219, Issue 10, Jan 2013, 5564–5568, gen>
- Yayenie2011, *A note on generalized Fibonacci sequences,* Appl. Math. Comput. Vol. 217, Issue 12, Feb 2011, 5603–5611, gen>
- Young1994, *p-adic congruences for generalized Fibonacci sequences,* Fibonacci Quart. 1994 (32,1): 2-10, fibqy>

- YuanHeZhou2014, *On the sum of reciprocal generalized Fibonacci numbers,* Abstr. Appl. Anal. Vol. 2014 (2014), Article ID 402540, 4 p, <u>gen></u>
- ZhangWu2013, *On the reciprocal sums of the generalized Fibonacci sequences,* Adv. Difference Equ. 2013, 2013:377, <u>gen></u>
- Zhao F.2001, *Summation of certain reciprocal series related to the generalized Fibonacci and Lucas numbers,* Fibonacci Quart. 2001 (39,5): 392-397, <u>fibqy></u>

Fibonacci generalized (q-)polynomials

- AmdeberhanChenMollSagan2014, *Generalized Fibonacci polynomials and Fibonomial coefficients,* Ann. Comb. (2014) Vol.18, Issue 4: 541-562, <u>gen></u>
- 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, <u>gen></u>
- Djordjevic2001a, *Some properties of partal derivatives of generalized Fibonacci and Lucas polynomials,* Fibonacci Quart. 2001 (39,2): 138-141, <u>fibqy></u>
- Djordjevic2005b, *On the kth–order derivative sequences of generalized Fibonacci and Lucas polynomials,* Fibonacci Quart. 2005 (43,4): 290-298, <u>fibqy></u>
- Djordjevic2009, *Generalizations of the Fibonacci and Lucas polynomials,* Filomat 23:3 (2009), 291–301, <u>gen></u>
- JiaLiuWang2007, *q-analogs of generalized Fibonacci and Lucas polynomials,* Fibonacci Quart. 2007 (45,1): 26-34, <u>fibqy></u>
- NalliHaukkanen2009, *On generalized Fibonacci and Lucas polynomials,* Chaos Solitons Fractals Vol. **42**, Issue 5, Dec 2009, 3179–3186, <u>gen></u>
- ÖcalTugluAltinisik2006, *On the representation of k-generalized Fibonacci and Lucas numbers,* Applied Math. Comp. Vol. 170, Issue 1, 584-596 (Nov 2005), <u>gen></u>
- PanwarSinghGupta2013, *Generalized Fibonacci polynomials,* Turkish J. of Analysis and Number Theory, 2013, Vol. 1, No. 1, 43-47, <u>nat></u>
- ShattuckWagner2007, *Some generalized Fibonacci polynomials,* J. Integer Seq. Vol. 10 (2007), Article 07.5.3, <u>jis></u>
- Zhang T.Ma2005, *On generalized Fibonacci polynomials and Bernoulli numbers,* J. Integer Seq. Vol. 8 (2005), Article 05.5.3, <u>jis></u>

Bernoulli

- Byrd1975a, *New relations between Fibonacci and Bernoulli numbers,* Fibonacci Quart. 1975 (13,1): 59-69, <u>fibqy></u>
- Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials,* J. Integer Seq. Vol. 15 (2012), Article 12.2.7, <u>jis></u>

Binet formula

- EdsonYayenie2009, *A new generalization of Fibonacci sequence and extended Binet's formula,* Integers 9 (2009), 639-654, gen>
- DresdenDu2014, *A simplified Binet formula for k-generalized Fibonacci numbers,* J. Integer Seq. Vol. 17 (2014), Article 14.4.7, jis>
- Kiliç2008, *The Binet formula, sums and representations of generalized Fibonacci p-numbers,* European J. Combin. Vol. 29, Issue 3, Apr 2008, 701–711, gen>
- LeeLeeKimShin2001, *The Binet formula and representations of k-generalized Fibonacci numbers,* Fibonacci Quart. 2001 (39,2): 158-164, fibqy>
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers,* Chaos Solitons Fractals, Vol. 27, Issue 5, Mar 2006, 1162–1177, gen>

binomial

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

Catalan

- 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>
- CvetkovicRajkovicIvkovic2002, *Catalan numbers, the Hankel transform, and Fibonacci numbers,* J. Integer Seq. Vol. 5 (2002), Article 02.1.3, jis>

Chebyshev (Tschebyscheff)

- Buschman1963, *Fibonacci numbers, Chebyshev polynomials, generalizations and difference equations,* Fibonacci Quart. 1963 (1,4): 1-7, fibqy>
- Li2014, *On Chebyshev polynomials, Fibonacci polynomials, and their derivatives,* J. Appl. Math. Vol. 2014, Article ID 451953, 8 p, jou>
- Zhang W.2002, *On Chebyshev polynomials and Fibonacci numbers,* Fibonacci Quart. 2002 (40,5): 424-428, fibqy>

combinatorial theory

- AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences,* Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, gen>
- BelbachirBelkhir2014, Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers, J. Integer Seq. Vol. 17 (2014),Article 14.4.3, aXv>

convolution

- Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials,* Fibonacci Quart. 1978 (16,5): 385-402, fibqy>
- Liu2002, *Formulas for convolution Fibonacci numbers and polynomials,* Fibonacci Quart. 2002 (40,4): 352-357, fibqy>

Euler-Seidel

- 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>

Fibonacci

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

Gauss (hypergeometric)

- BelbachirBelkhir2014, Combinatorial expressions involving Fibonacci, hyperfibonacci, and incomplete Fibonacci numbers, J. Integer Seq. Vol. 17 (2014),Article 14.4.3, aXv>
- CaoZhao F-Z.2010, *Some properties of hyperFibonacci and hyperLucas numbers,* J. Integer Seq. Vol. 13 (2010), Article 10.8.8, 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>

generating functions

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

identities, inequalities

- 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>
- Filipponi1995, *Some binomial Fiboancci identities,* Fibonacci Quart. 1995 (33,3): 251-257, fibqy>
- GarnierRamaré2008-09, *Fibonacci numbers and trigonometric identities,* Fibonacci Quart. 2008-09 (46-47,1): 56-61, fibqy>
- GuptaPanwarSikhwal2012b, *Generalized Fibonacci-like polynomial and its determinantal identities,* Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 29, 1415-1420, gen>
- HowardCooper2011, *Some identities for r-Fibonacci numbers,* Fibonacci Quart. 2011 (49,3): 231-242, fibqy>
- SiarKeskin2013, *Some new identities concerning generalized Fibonacci and Lucas numbers,* Hacet. J. Math. Stat. Vol. 42 (3) (2013), 211-222, gen>
- Smith2008-09, *On an `uncounted' Fibonacci identity and its q-analogue,* Fibonacci Quart. 2008-09 (46-47,1): 73-78, 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>

- 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>
- Zhang W.1997, *Some identities involving the Fibonacci numbers,* Fibonacci Quart. 1997 (35,3): 225-229, fibqy>
- Zhang W.2004, *Some identities involving the Fibonacci numbers and Lucas numbers,* Fibonacci Quart. 2004 (42,2): 149-154, fibqy>
- Zhao F.Wang T.2001b, *Some identities for the generalized Fibonacci and Lucas functions,* Fibonacci Quart. 2001 (39,5): 436-438, fibqy>

incomplete numbers, generalized numbers, polynomials

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

integer sequences

- 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>

Jacobsthal

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

Lah

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

lattice

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

LDU decomposition, Cholesky factorization

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

Lucas

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

- Bilcigi2014, *New generalizations of Fibonacci and Lucas sequences,* Appl. Math. Sci. Vol. 8, 2014, no. 29, 1429-1437, <u>gen></u>
- CahillD'ErricoSpence2003, *Complex factorization of the Fibonacci and Lucas numbers,* Fibonacci Quart. 2003 (vol.41,1): 13-19, <u>arXiv></u>
- Church Jr.1974, *Lattice paths and Fibonacci and Lucas numbers,* Fibonacci Quart. 1974 (12,4): 336-338, <u>fibqy></u>
- Ferns1969, *Products of Fibonacci and Lucas numbers,* Fibonacci Quart. 1969 (7,1): 1-12, <u>fibqy></u>
- Djordjevic2009, *Generalizations of the Fibonacci and Lucas polynomials,* Filomat 23:3 (2009), 291–301, <u>gen></u>
- FilipponiHoradam1993a, *Second derivative sequences of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1993 (31,3): 194-204, <u>fibqy></u>
- FilipponiHoradam1993b(addendum), *Addendum to "Second derivative sequences of Fibonacci and Lucas polynomials",* Fibonacci Quart. 1993 (31,3): 194-204, <u>fibqy></u>
- GodaseDhakne2014, *On the properties of k-Fibonacci and k-Lucas numbers,* Int. J. Adv. Appl. Math. and Mech. 2 (1) (2014), 100-106, <u>gen></u>
- HiltonPedersenVrancken1995, *On certain arithmetic properties of Fibonacci and Lucas numbers,* Fibonacci Quart. 1995 (33,3): 211-217, <u>fibqy></u>
- Jennings1994, *On sums of reciprocals of Fibonacci and Lucas numbers,* Fibonacci Quart. 1994 (32,1): 18-21, <u>fibqy></u>
- Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle,* Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, <u>gen></u>
- Luca2000, *Equations involving arithmetic functions of Fibonacci and Lucas numbers,* Fibonacci Quart. 2000 (38,1): 49-55, <u>fibqy></u>
- 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, <u>gen></u>
- NalliHaukkanen2009, *On generalized Fibonacci and Lucas polynomials,* Chaos Solitons Fractals Vol. **42**, Issue 5, Dec 2009, 3179–3186, <u>gen></u>
- Popov1985, *A note on the sums of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1985 (23,3): 238-239, <u>fibqy></u>
- Prodinger2009, *On the expansion of Fibonacci and Lucas polynomials,* J. Integer Seq. Vol. 12 (2009), Article 09.1.6, <u>jis></u>
- Shannon2010, *Another generalization of the Fibonacci and Lucas numbers,* Notes Number Theory Discrete Math.16 (2010), 3, 11-17, <u>gen></u>
- StakhovRozin2006, *Theory of Binet formulas for Fibonacci and Lucas p-numbers,* Chaos Solitons Fractals, Vol. 27, Issue 5, Mar 2006, 1162–1177, <u>gen></u>
- StanimirovicNikolovStanimirovic2008, *A generalization of Fibonacci and Lucas matrices,* Discrete Appl. Math. Vol. 156, Issue 14, Jul 2008, 2606–2619, <u>gen></u>

- Tauber1968a, *Lah numbers for Fibonacci and Lucas polynomials,* Fibonacci Quart. 1968 (6,5): 93-99, fibqy>
- Tauraso2016, *Some congruences for central binomial sums involving Fibonacci and Lucas numbers,* J. Integer Seq. Vol. 19 (2016), Article 16.5.4, jis>
- Velasco2012, *A note on Fibonacci and Lucas and Bernoulli and Euler polynomials,* J. Integer Seq. Vol. 15 (2012), Article 12.2.7, jis>
- Wang J.1995, *On the kth derivative sequences of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1995 (33,2): 174-178, fibqy>
- Zhou1996, *On the kth-order derivative sequences of Fibonacci and Lucas polynomials,* Fibonacci Quart. 1996 (34,5): 394-408, fibqy>

Pell

- AndradeSantosdaSilvaSilva2013, *Polyn. generalizations and combin. interpretations for seq. including the Fibonacci and Pell numbers,* Open J. Discrete Math. 2013, 3, 25-32, gen>
- Melham1999, *Sums involving Fibonacci and Pell numbers,* Port. Math. Vol. 56 Fasc. 3, 1999, nat>
- Koshy2011, *Fibonacci, Lucas, and Pell numbers, and Pascal's triangle,* Mathematical Spectrum 2010/2011, Vol. 43 Issue 3, 125, 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>

Pell-Lucas

- 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>

permanents

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

recurrence relations

- AndradePethe1992, *On the rth-order nonhomogeneous recurrence relation and some generalized Fibonacci sequences,* Fibonacci Quart. 1992 (30,3): 256-262, fibqy>
- AtanassovHleBarskaMihov1992, *Recurrent formulas of the generalized Fibonacci and Tribonacci sequences,* Fibonacci Quart. 1992 (30,1): 77-79, fibqy>

transforms

- 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>

- CvetkovicRajkovicIvkovic2002, *Catalan numbers, the Hankel transform, and Fibonacci numbers,* J. Integer Seq. Vol. 5 (2002), Article 02.1.3, <u>jis></u>