

Glossary-Contents

combinatorial theory

- AkyuzHalici2013, *On some combinatorial identities involving the terms of generalized Fibonacci and Lucas sequences*, Hacet. J. Math. Stat. Vol. 42 (4) (2013), 431-435, [gen>](#)
- AndersonBenjaminRouse2005, *Combinatorial proofs of Fermat's, Lucas's, and Wilson's theorems*, Amer. Math. Monthly, Vol. 112, No. 3, 266-268, Mar 2005, [nat>](#)
- AndradeSantosdaSilvaSilva2013, *Polyn. generalizations and combin. interpretations for seq. including the Fibonacci and Pell numbers*, Open J. Discrete Math. 2013, 3, 25-32, [gen>](#)
- BelbachirBelkhirBousbaa2014, *Combinatorial approach of certain generalized Stirling numbers*, arXiv (23 Nov 2014), [aXv>](#)
- BelbachirBousbaa2014b, *Combinatorial identities for the r-Lah numbers*, Ars Comb. 115: 453-458 (2014), [gen>](#)
- BelbachirKomatsuSzalay2014, *Linear recurrences associated to rays in Pascal's triangle and combinatorial identities*, Math. Slovaca 64 (2014), No. 2, 287–300, [nat>](#)
- Belbahri2010, *Scale invariant operators and combinatorial expansions*, Adv. in Appl. Math. Vol. 45, Issue 4, Oct 2010, 548–563, [gen>](#)
- BenjaminCameronQuinn2007, *Fibonacci determinants - a combinatorial approach*, Fibonacci Quart. 45(1): 39-55. Claremont Colleges - HMC Faculty Scholarship, [fibqy>](#)
- BenjaminDresden2007, *A combinatorial proof of Vandermonde's determinant*, Amer. Math. Monthly, Vol. 114, No. 4, 338-341, Apr 2007, [nat>](#)
- BenjaminEricksenJayawantShattuck2010, *Combinatorial trigonometry with Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2157–2160, [jou>](#)
- BenjaminPlott2008-2009, *A combinatorial approach to fibonomial coefficients*, Fibonacci Quart. 2008-09 (46-47,1): 7-9, [fibqy>](#)
- BenjaminWalton2010, *Combinatorially composing Chebyshev polynomials*, J. Statist. Plann. Inference, Vol. 140, Issue 8, Aug 2010, 2161-2167, [jou>](#)
- BensonRatcliff2009, *Combinatorial properties of generalized binomial coefficients*, Contemp. Math. 2009, vol. 491, 141-150, [gen>](#)
- BergumHoggatt, Jr.1978, *A combinatorial problem involving recursive sequences and tridiagonal matrices*, Fibonacci Quart. 1978 (16,2): 113-117, [fibqy>](#)

- Brietzke2008, *An identity of Andrews and a new method for the Riordan array proof of combinatorial identities*, Discrete Math. Vol. 308, Issue 18, Sep 2008, 4246–4262, [gen>](#)
- CakicEl-DesoukyMilovanovic2013, *Explicit formulas and combinatorial identities for generalized Stirling numbers*, Mediterr. J. Math. Feb 2013, Vol. 10, Issue 1, 57-72, [nat>](#)
- Callan2005, *A combinatorial interpretation for a super-Catalan recurrence*, J. Integer Seq. Vol. 8 (2005), Article 05.1.8, [jis>](#)
- Cameron2011, *Combinatorics with the Riordan Group*, NUMS Conference Reed College, Apr 9, 2011, [gen>](#)
- Cameron2013, *Enumerative combinatorics 5: q-analogues*, The LTCC lectures, Autumn 2013, [gen>](#)
- CanDagli2014, *Extended Bernoulli and Stirling matrices and related combinatorial identities*, Linear Algebra Appl. Vol. 444, Mar 2014, 114-131 arXiv(4 Dec 2013), [aXv>](#)
- 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>](#)
- Chu1994a, *Inversion techniques and combinatorial identities. - A unified treatment for the 7F6-series identities*, Collect. Math. 45, 1 (1994), 13–43, [gen>](#)
- Chu1994b, *Inversion techniques and combinatorial identities. Strange evaluations of basic hypergeometric series*, Compos. Math. tome 91, no 2 (1994), 121-144, [gen>](#)
- Chu1995, *Inversion techniques and combinatorial identities. Jackson's q-analogue of the Dougall-Dixon theorem and the dual formulae*, Compos. Math. **95**: 43-68, 1995, [gen>](#)
- Chu2002, *Inversion techniques and combinatorial identities: balanced hypergeometric series*, Rocky Mountain J. Math. Vol. 32, No. 2 (2002), 561-588, [nat>](#)
- ClarkeHanZen1997, *A combinatorial interpretation of the Seidel generation of q-derangement numbers*, Annals Comb. 1997, Vol. 1, Issue 1, 313-327, [gen>](#)
- CohnEvenMengerHooper1962, *On the number of partitionings of a set of n distinct objects*, Amer. Math. Monthly, Vol. 69, No. 8 (Oct 1962), 782-785, [nat>](#)
- Corcino R.B.Fernandez2014, *A combinatorial approach for q-analogue of r-Stirling Numbers*, British J. of Math. and Computer Sci. BJMCS **4** (9), 1268-1279, 2014, [nat>](#)
- Huang1997, *Applications of residues to combinatorial identities*, Proc. Amer. Math. Soc. 125 (1997), 1011-1017, [nat>](#)

- Kemeny1984, *Matrix representation for combinatorics*, J. Combin. Theory Ser. A, Vol. 36, Issue 3, May 1984, 279–306, [jou>](#)
- KimStantonZeng2006, *The combinatorics of the Al-Salam-Chihara q -Charlier polynomials*, Sémin. Lothar. Combin 54 (2006), Article B54i, [gen>](#)
- KimZeng2003, *Combinatorics of generalized Tchebycheff polynomials*, European J. Combin. Vol. 24, Issue 5, Jul 2003, 499–509, [jou>](#)
- Lang2009, *Combinatorial interpretation of generalized Stirling numbers*, J. Integer Seq. Vol. 12 (2009), Article 09.3.3, [jis>](#)
- MezòDil2009, *Euler-Seidel method for certain combinatorial numbers and a new characterization of Fibonacci sequence*, Cent. Eur. J. Math. Jun 2009, Vol. 7, Issue 2, 310-321, [gen>](#)
- Riordan1964, *Inverse relations and combinatorial identities*, Amer. Math. Monthly vol.71, No. 5 (May, 1964), 485-498, [nat>](#)
- Rota1996, *Report on the present state of combinatorics*, Discrete Math. 153 (1996), 289-303, [gen>](#)
- RotaKahanerOdlyzko1973, *On the foundations of combinatorial theory. VIII. Finite operator calculus*, J. Math. Anal. Appl. Vol. 42, Issue 3, Jun 1973, 684–760, [jou>](#)
- ShannonOllerton2002, *Combinatorial matrices and linear recursive sequences*, Fibonacci Quart. 2002 (40,5): 417-423, [fibqy>](#)
- Spivey2011, *On solutions to a general combinatorial recurrence*, J. Integer Seq. Vol. 14 (2011), Article 11.9.7, [jis>](#)
- Strehl1994, *Binomial identities -- combinatorial and algorithmic aspects*, Discrete Math. Vol. 136, Issues 1–3, 31 Dec1994, 309–346, [gen>](#)
- Sun Z-W.2003a, *Combinatorial identities in dual sequences*, Europ. J. Combin. 24 (2003) 709-718, [gen>](#)
- Sun Z-W.2007, *Combinatorial congruences and Stirling numbers*, Acta Arith. 126 (2007), no. 4, 387–398, [gen>](#)
- Trif2000, *Combinatorial sums and series involving inverses of binomial coefficients*, Fibonacci Quart. 2000 (38,1): 79-83, [fibqy>](#)
- Viennot1983, *Une théorie combinatoire des polynômes orthogonaux généraux*, Notes de conférences données à l'Univ. du Québec à Montréal, [gen>](#)
- Wang YiZhang Z-H.2015, *Combinatorics of generalized Motzkin numbers*, J. Integer Seq. Vol. 18 (2015), Article 15.2.4, [jis>](#)
- Webster1995, *A combinatorial problem with a Fibonacci solution*, Fibonacci Quart. 1995 (33,1): 26-31, [fibqy>](#)
- XiongHallTsao2014, *Combinatorial interpretation of general Eulerian numbers*, J. Discrete Math. Vol. 2014 (2014), Article ID 870596, 6 pages, [jou>](#)

Al-Salam-Chihara

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

Charlier

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

Chebyshev(Tschebyscheff)

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

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

- 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>](#)

identities, inequalities

- Huang1997, *Applications of residues to combinatorial identities*, Proc. Amer. Math. Soc. 125 (1997), 1011-1017, [nat>](#)
- ZhangWuyungaowaMa2013, *A class of formal operators for combinatorial identities and its application*, Int. J. of Mathematical, Comput., Physical and Quantum Engineer. Vol. 7, No:3, 2013, [doc>](#)

Motzkin

- Wang YiZhang Z-H.2015, *Combinatorics of generalized Motzkin numbers*, J. Integer Seq. Vol. 18 (2015), Article 15.2.4, [jis>](#)

operational calculus

- RotaKahanerOdlyzko1973, *On the foundations of combinatorial theory. VIII. Finite operator calculus*, J. Math. Anal. Appl. Vol. 42, Issue 3, Jun 1973, 684–760, [jou>](#)

orthogonal (q -)polynomials

- Viennot1983, *Une théorie combinatoire des polynômes orthogonaux généraux*, Notes de conférences données à l'Univ. du Québec à Montréal, [gen>](#)

recurrence relations

- ShannonOllerton2002, *Combinatorial matrices and linear recursive sequences*, Fibonacci Quart. 2002 (40,5): 417-423, [fibqy>](#)

Riordan arrays

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

Stirling

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