

Glossary-Contents

convolution

- Agoh2014, *Convolution identities for Bernoulli and Genocchi polynomials*, Electron. J. Combin. **21** (1) (2014), [gen>](#)
- AgohDilcher2007, *Convolution identities and lacunary recurrences for Bernoulli numbers*, J. Number Theory **124**, Issue 1, May 2007, 105–122, [jou>](#)
- AgohDilcher2008, *Generalized convolution identities for Stirling numbers of the second kind*, Integers **8** (2008), [gen>](#)
- AlexanderZagier1991, *The entropy of a certain infinitely convolved Bernoulli measure*, J. London Math. Soc. Vol. s2-44, Issue 1 (Aug 1991), 121-134, [nat>](#)
- BenderDaalhuisGaoRichmondWormald2010, *Asymptotics of some convolutional recurrences*, Electron. J. Combin. **17** (2010), [gen>](#)
- BergumHoggatt, Jr.1976, *Numerator polynomial coefficient array for the convolved Fibonacci sequence*, Fibonacci Quart. 1976 (14,1): 43-47, [fibqy>](#)
- BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)
- Di NardoPetrulloSenato2010, *Cumulants and convolutions via Abel polynomials*, European J. Combin. Vol. 31, Issue 7, Oct 2010, 1792–1804, [gen>](#)
- FengZhang Z.2003, *Computational formulas for convolved generalized Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,2): 144-151, [fibqy>](#)
- Flensted-JensenKoorwinder1973, *The convolution structure for Jacobi function expansions*, Arkiv för Matematik 1973, Vol. 11, Issue 1-2, 245-262, [nat>](#)
- Glaeske2000, *Convolution structure of (generalized) Hermite transforms*, Banach Center Publ. Vol. 53, [gen>](#)
- Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)
- Hoggatt, Jr.1970, *Convolution triangles for generalized Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 158-171, [fibqy>](#)
- Hoggatt, Jr.Bicknell1972, *Convolution triangles*, Fibonacci Quart. 1972 (10,6): 599-608, [fibqy>](#)
- Hoggatt, Jr.Bergum1975, *Generalized convolution arrays*, Fibonacci Quart. 1975 (13,3): 193-197, [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. Bicknell-Johnson 1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials*, Fibonacci Quart. 1978 (16,5): 385-402, [fibqy>](#)
- Kim 2014, *Bernoulli polynomials and convolution sums*, British J. of Math. and Computer Sci. 4 (3): 363-374, 2014, [nat>](#)
- Knuth 1992 (Jul arxiv) 1992, *Convolution polynomials*, arXiv (1 Jul 1992), [aXv>](#)
- Mikic 2016, *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>](#)
- Nguyen Cheong 2014, *New convolution identities for hypergeometric Bernoulli polynomials*, J. Number Theory Vol. 137, April 2014, 201–221, [jou>](#)
- Pan 2013, *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>](#)
- Sofo 2000a, *A convoluted Fibonacci sequence - Part I*, RGMIA Research Report Collection (Vol.3,2): 1-7, [gen>](#)
- Sofo 2000b, *A convoluted Fibonacci sequence - Part II*, Austral. Math. Soc. Gaz. 27; 107-114, [nat>](#)
- Velasco 2010, *Convolution and Sulanke Numbers*, J. Integer Seq. Vol. 13 (2010), Article 10.1.8, [jis>](#)
- Yang Y. 2004, *Generating functions of convolution matrices*, Proc. 10th Int. Research Conf. on Fibonacci numbers and their applications, Vol. 9, [gen>](#)

Abel

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

Bell

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

Bernoulli

- Agoh 2014, *Convolution identities for Bernoulli and Genocchi polynomials*, Electron. J. Combin. **21** (1) (2014), [gen>](#)
- Agoh Dilcher 2007, *Convolution identities and lacunary recurrences for Bernoulli numbers*, J. Number Theory **124**, Issue 1, May 2007, 105–122, [jou>](#)
- Chu 2012a, *Reciprocal formulae for convolutions of Bernoulli and Euler polynomials*, Rend. Mat. Appl. (7), Serie VII Vol. 32, Roma (2012), 17-74, [nat>](#)
- Chu Zhou 2010, *Convolutions of Bernoulli and Euler polynomials*, Sarajevo J. Math. Vol.6 (18) (2010), 147-163, [nat>](#)
- Gould 2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)
- Kim 2014, *Bernoulli polynomials and convolution sums*, British J. of Math. and Computer Sci. 4 (3): 363-374, 2014, [nat>](#)

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

binomial

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

central coefficients

- 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>](#)

cumulants

- Di NardoPetrulloSenato2010, *Cumulants and convolutions via Abel polynomials*, European J. Combin. Vol. 31, Issue 7, Oct 2010, 1792–1804, [gen>](#)

entropy

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

Euler

- Chu2012a, *Reciprocal formulae for convolutions of Bernoulli and Euler polynomials*, Rend. Mat. Appl. (7), Serie VII Vol. 32, Roma (2012), 17-74, [nat>](#)
- ChuZhou2010, *Convolutions of Bernoulli and Euler polynomials*, Sarajevo J. Math. Vol.6 (18) (2010), 147-163, [nat>](#)
- Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)

Fibonacci

- BergumHoggatt, Jr.1976, *Numerator polynomial coefficient array for the convolved Fibonacci sequence*, Fibonacci Quart. 1976 (14,1): 43-47, [fibqy>](#)
- FengZhang Z.2003, *Computational formulas for convoluted generalized Fibonacci and Lucas numbers*, Fibonacci Quart. 2003 (vol.41,2): 144-151, [fibqy>](#)
- Hoggatt, Jr.1970, *Convolution triangles for generalized Fibonacci numbers*, Fibonacci Quart. 1970 (8,2): 158-171, [fibqy>](#)
- 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>](#)
- Moree2004, *Convoluted convolved Fibonacci numbers*, J. Integer Seq. Vol. 7 (2004), Article 04.2.2, [jis>](#)
- 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>](#)

generating functions

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

Genocchi

- 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>](#)

Hermite

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

identities, inequalities

- 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>](#)
- Gould2002, *Generalized Bernoulli and Euler polynomial convolution identities*, xxxx, [xxxx>](#)
- 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>](#)
- NguyenCheong2014, *New convolution identities for hypergeometric Bernoulli polynomials*, J. Number Theory Vol. 137, April 2014, 201–221, [jou>](#)

Jacobi

- Flensted-JensenKoorwinder1973, *The convolution structure for Jacobi function expansions*, Arkiv för Matematik 1973, Vol. 11, Issue 1-2, 245-262, [nat>](#)

Jacobi-Stirling

- 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>](#)

Jacobsthal

- Hoggatt, Jr.Bicknell-Johnson1978b, *Convolution arrays for Jacobsthal and Fibonacci polynomials*, Fibonacci Quart. 1978 (16,5): 385-402, [fibqy>](#)
- Horadam2002a, *Convolutions for Jacobsthal-type polynomials*, Fibonacci Quart. 2002 (40,3): 212-222, [fibqy>](#)

lacunary series

- AgohDilcher2007, *Convolution identities and lacunary recurrences for Bernoulli numbers*, J. Number Theory **124**, Issue 1, May 2007, 105–122, [jou>](#)

Lucas

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

recurrence relations

- BirmajerGilWeiner2015, *Linear recurrence sequences and their convolutions via Bell polynomials*, J. Integer Seq. Vol. 18 (2015), Article 15.1.2, [jis>](#)
- BenderDaalhuisGaoRichmondWormald2010, *Asymptotics of some convolutional recurrences*, Electron. J. Combin. **17** (2010), [gen>](#)

Stirling

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

Sulanke

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