Glossary-Contents

Jacobi (see also elliptic)

Jacobi matrices
- Bloemendal2012, *Jacobi matrices,* xxxx, <u>xxxx></u>

Jacobi theta functions
- 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, <u>nat></u>

Jacobi-type polynomials
- LamiriOuni2008, *d-orthogonality of Humbert and Jacobi type polynomials,* J. Math. Anal. Appl. Vol. 341, Issue 1, May 2008, 24–51, <u>jou></u>

Jacobi polynomials
- AltinAktasErkus-Duman2009, *On a multivariable extension for the extended Jacobi polynomials,* J. Math. Anal. Appl. 353 (2009) 121–133, <u>jou></u>
- Askey1978, *Jacobi's generating function for Jacobi polynomials,* Proc. Amer. Math. Soc. Vol. 71, No. 2 (Sep. 1978), 243-246, <u>nat></u>
- 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, <u>nat></u>
- Brafman1951, *Generating functions of Jacobi and related polynomials,* Proc. Amer. Math. Soc. (1951) xxxx, <u>nat></u>
- CaglieroKoornwinder2014, *Explicit matrix inverses for lower triangular matrices with entries involving Jacobi polynomials,* arXiv (15 Apr 2014), <u>aXv></u>
- ChandraSamantaBera2013, *On bilateral generating functions of extended Jacobi polynomials,* Int. J. Contemp. Math. Sci. Vol. 8, 2013, no. 20, 1001 - 1005, <u>gen></u>
- 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, <u>gen></u>
- CsordasCharalambidesWaleffe2005, *A new property of a class of Jacobi polynomials,* Proc. Amer. Math. Soc. Vol. 133, No. 12, 3551–3560, <u>nat></u>
- EliasGingold2007, *On the approximation of the Jacobi polynomials,* Rocky Mountain J. Math. Vol. 37, No. 1, 2007, <u>nat></u>
- FoataLeroux1983, *Polynômes de Jacobi, interprétation combinatoire et fonction génératrice,* Proc. Amer. Math. Soc. Vol. 87, No. 1 (Jan-Apr, 1983), 47-53, <u>nat></u>
- 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, <u>gen></u>

- Hetyei2008, *Delannoy numbers and a combinatorial proof of the orthogonality of the Jacobi polynomials with natural number parameters,* 23rd Clemson mini-Conference on Discrete Math. and Algorithms, Clemson, SC, Oct 2, 2008, gen>
- Hetyei2009, *Shifted Jacobi polynomials and Delannoy numbers,* arXiv (24 Dec 2009), aXv>
- KhanAkhlaq2012, *A note on generating functions and summation formulas for Meixner polynomials of several variables,* Demonstratio Math. Vol. XLV, No. 1, 2012, gen>
- Koelink1996, *On Jacobi and continuous Hahn polynomials,* Proc. Amer. Math. Soc. 124 (1996), 887-898, nat>
- Koornwinder1977, *Yet another proof of the addition formula for Jacobi polynomials,* J. Math. Anal. Appl. Vol. 61, Issue 1, 1 Nov 1977, 136–141, jou>
- Koornwinder1990, Jacobi functions as limit cases of q-ultraspherical polynomials, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44–54, jou>
- Kubo2009, *Generating functions of Jacobi polynomials,* Commun. Stoch. Anal. Vol. 3, No. 2 (2009) 249-267, gen>
- Lewanowicz1986, *Properties of the polynomials associated with the Jacobi polynomials,* Math. Comp. **47**, No. 176, Oct 1986, 669-682, gen>
- MadhekarThakare1982, *Biorthogonal polynomials suggested by the Jacobi polynomials,* Pacific J. Math. Vol. 100, No. 2 (1982), 417-424, nat>
- Manocha1967, *Some bilinear generating functions for Jacobi polynomials,* Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 457-459, nat>
- ManochaSharma1967, *Generating functions of Jacobi polynomials,* Math. Proc. Cambridge Philos. Soc. Vol. 63, Issue 02, Apr 1967, 431-433, nat>
- MorenoGarcia-Caballero2011b, *Non-classical orthogonality relations for continuous q-Jacobi polynomials,* Taiwanese J. of Math. Vol. 15, No. 4, 1677-1690, Aug 2011, nat>
- Mukherjee1996, *Generating functions on extended Jacobi polynomials from Lie group view point,* Publ. Mat. Vol 40 (1996), 3–13, gen>
- MunotMathur1982, *On a multilateral generating function for the extended Jacobi polynomials,* Indian J. Pure Appl. Math. **13**(5): 597-600, May 1982, nat>
- Pilehrood Kh.Pilehrood T.Tauraso2012, *Congruences concerning Jacobi polynomials and Apéry polynomials and Apéry-like formulae,* Int. J. Number Theory, 8 (2012), no. 7, 1789–1811, gen>
- Sauer2004, *Jacobi polynomials in Bernstein form,* Lehrstuhl füNumerische Mathematik, Justus–Liebig–Universität Gießen, nat>
- Srivastava1974, *Note on certain generating functions for Jacobi and Laguerre polynomials,* Publications de l'Institut Mathématique 31 (1974): 149-154, nat>

- 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>
- Young1992, *Apéry numbers, Jacobi sums, and special values of generalized p-adic hypergeometric functions,* J. Number Theory 41, 231-255 (1992), jou>
- Zayed1990, *Jacobi polynomials as generalized Faber polynomials,* Trans. Amer. Math. Soc. Vol. 321, No. I, Sep 1990, nat>

Apéry

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

Bernstein

- Sauer2004, *Jacobi polynomials in Bernstein form,* Lehrstuhl füNumerische Mathematik, Justus–Liebig–Universität Gießen, nat>

combinatorial theory

- FoataLeroux1983, *Polynômes de Jacobi, interprétation combinatoire et fonction génératrice,* Proc. Amer. Math. Soc. Vol. 87, No. 1 (Jan-Apr, 1983), 47-53, nat>

congruences

- 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>

Delannoy

- Hetyei2008, *Delannoy numbers and a combinatorial proof of the orthogonality of the Jacobi polynomials with natural number parameters,* 23rd Clemson mini-Conference on Discrete Math. and Algorithms, Clemson, SC, Oct 2, 2008, gen>
- Hetyei2009, *Shifted Jacobi polynomials and Delannoy numbers,* arXiv (24 Dec 2009), aXv>

Faber

- Zayed1990, *Jacobi polynomials as generalized Faber polynomials,* Trans. Amer. Math. Soc. Vol. 321, No. I, Sep 1990, nat>

generating functions

- Brafman1951, *Generating functions of Jacobi and related polynomials,* Proc. Amer. Math. Soc. (1951) xxxx, nat>
- Kubo2009, *Generating functions of Jacobi polynomials,* Commun. Stoch. Anal. Vol. 3, No. 2 (2009) 249-267, 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>
- Mukherjee1996, *Generating functions on extended Jacobi polynomials from Lie group view point,* Publ. Mat. Vol 40 (1996), 3–13, gen>
- MunotMathur1982, *On a multilateral generating function for the extended Jacobi polynomials,* Indian J. Pure Appl. Math. **13**(5): 597-600, May 1982, nat>
- Srivastava1974, *Note on certain generating functions for Jacobi and Laguerre polynomials,* Publications de l'Institut Mathématique 31 (1974): 149-154, nat>

Hahn

- 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>
- Koelink1996, *On Jacobi and continuous Hahn polynomials,* Proc. Amer. Math. Soc. 124 (1996), 887-898, nat>

Humbert

- LamiriOuni2008, *d-orthogonality of Humbert and Jacobi type polynomials,* J. Math. Anal. Appl. Vol. 341, Issue 1, May 2008, 24–51, jou>

hypergeometric (see also Gauss)

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

Laguerre

- 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>
- Srivastava1974, *Note on certain generating functions for Jacobi and Laguerre polynomials,* Publications de l'Institut Mathématique 31 (1974): 149-154, nat>

Meixner

- GriffithsSpano2011, *Multiv. Jacobi and Laguerre polyn., infinite-dimens. extensions and their prob. connect. with multiv. Hahn and Meixner polynomials,* Bernoulli **17** (3), 2011, 1095–1125, gen>
- KhanAkhlaq2012, *A note on generating functions and summation formulas for Meixner polynomials of several variables,* Demonstratio Math. Vol. XLV, No. 1, 2012, gen>

Riemann (see also z-function)

- 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, <u>nat></u>

ultraspherical (see also Gegenbauer)

- Koornwinder1990, Jacobi functions as limit cases of q-ultraspherical polynomials, J. Math. Anal. and Appl. Vol. 148, Issue 1 (May 1990) 44–54, <u>jou></u>