

Glossary-Contents

Laguerre

- 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>](#)
- Groenevelt2003b, *Laguerre functions and representations of $su(1: 1)$* , Indag.Math. (N.S.), Vol. 14, Issues 3–4, Dec 2003, 329–352, [gen>](#)

Laguerre-type polynomials

- 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>](#)
- ShuklaMeher2010, *Generating functions for Laguerre type polynomials of two variables $Ln^{(a-n)}(x,y)$ by using group theoretic method*, Int. J. Math. Anal. (Ruse), Vol. 4, 2010, no. 48, 2357-2366, [gen>](#)

Laguerre (q-)polynomials

- Al-Salam1984, *Some operational formulas for the g-Laguerre polynomials*, Fibonacci Quart. 1984 (22,2): 166-170, [fibay>](#)
- Carlitz1968c, *Some generating functions for Laguerre polynomials*, Duke Math. J. Vol. 35, Number 4 (1968), 825-827, [gen>](#)
- ChenIsmailMuttalib1994, *Asymptotics of basic Bessel functions and q-Laguerre polynomials*, J. Comput. Appl. Math. Vol. 54, Issue 3, Oct 1994, 263–272, [jou>](#)
- CiccoliKoelinkKoornwinder1998, *q -Laguerre polynomials and big q -Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [arXiv>](#)
- Ernst2002, *Some results for q -Laguerre polynomials*, U.U.D.M. Report 2002:20, [gen>](#)
- KhanHabibullah2012, *Extended Laguerre polynomials*, Int. J. Contemp. Math. Sci. Vol. 7, 2012, no. 22, 1089–1094, [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>](#)
- 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>](#)
- KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012:201, [gen>](#)
- Konhauser1967, *Bioorthogonal polynomials suggested by the Laguerre polynomials*, Pacific J. Math. Vol. 21, No. 2, 1967, [nat>](#)

- Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67–84, [gen>](#)
- Mohanty1976, *Interesting properties of Laguerre polynomials*, Fibonacci Quart. 1976 (14,1): 42, [fibqy>](#)
- MorenoGarcia-Caballero2011a, *q -Sobolev orthogonality of the q -Laguerre polynomials $L_n^{\lambda}(-N) \ (; q)n = 0$ for positive integers N* , J. Korean Math. Soc. 48 (2011), No. 5, 913–926, [nat>](#)
- Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constanta Vol. 16 (2), 2008, 109–116, [nat>](#)
- Sanchez-MorenoManzanoDehesa2010, *Direct spreading measures of Laguerre polynomials*, J. Comput. Appl. Math. Vol. 235, Issue 5, Jan 2011, 1129–1140, [jou>](#)
- Shen2000, *Orthogonal polynomials on the unit circle associated with the Laguerre polynomials*, Proc. Amer. Math. Soc. (2000) **129**, No. 3, 873–879, [nat>](#)
- SinghYadav2007, *On a general class of q -polynomials suggested by basic Laguerre polynomials*, Bull. Pure Appl. Math. 01(1) (2007), 94-102, [nat>](#)
- 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>](#)

Laguerre generalized polynomials

- 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>](#)
- Djordjevic2001b, *On the generalized Laguerre polynomials*, Fibonacci Quart. 2001 (39,5): 403-407, [fibqy>](#)
- Hajir2009, *Algebraic properties of a family of generalized Laguerre polynomials*, Canad. J. Math. Vol. **61** (3), 2009, 583–603, [nat>](#)
- Koekoek1990, *Generalizations of Laguerre polynomials*, J. Math. Anal. Appl. Vol. 153, Issue 2, Dec 1990, 576–590, [jou>](#)
- KoekoekMeijer1993, *A generalization of Laguerre polynomials*, SIAM J. Math. Anal. 24-3 (1993), 768-782, [gen>](#)
- PérezPinar1996, *On Sobolev orthogonality for the generalized Laguerre polynomials*, J. Approx. Theory Vol. 86, Issue 3, Sep 1996, 278–285, [jou>](#)
- SimionStanton1993, *Specializations of generalized Laguerre polynomials*, SIAM J. Math. Anal. 25(2), 712–719. (8 p), [aXv>](#)

- SinghalJoshi1982a, *On the unification of generalized Hermite and Laguerre polynomials*, Indian J. Pure Appl. Math. **13**(8): 904-906, August 1982, [nat>](#)
- SinghalJoshi1982b, *On the unification of generalized Hermite and Laguerre polynomials*, Revista matemática hispanoamericana Vol. 42, Nº. 1-3, 1982, 82-89, [nat>](#)

Bernoulli

- 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>](#)
- 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>](#)
- KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012:201, [gen>](#)
- 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>](#)
- KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012:201, [gen>](#)

Bessel

- ChenIsmailMuttalib1994, *Asymptotics of basic Bessel functions and q -Laguerre polynomials*, J. Comput. Appl. Math. Vol. 54, Issue 3, Oct 1994, 263–272, [jou>](#)

Bessel big q -analogues

- CiccoliKoelinkKoornwinder1998, *q -Laguerre polynomials and big q -Bessel functions and their orthogonality relations*, arXiv (6 May 1998), [arXiv>](#)

Charlier

- 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>](#)

combinatorial theory

- KasraouiStantonZeng2011, *The combinatorics of Al-Salam-Chihara q -Laguerre polynomials*, Advances in Applied Math. Vol. 47, Issue 2, Aug 2011, 216-239, [gen>](#)

continued fractions

- 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>](#)

Euler

- 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>](#)
- 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>](#)
- KimRimDolgyLee2012, *Some identities on Bernoulli and Euler polynomials arising from the orthogonality of Laguerre polynomials*, Adv. Difference Equ. 2012, 2012:201, [gen>](#)

generating functions

- AlamChongdar2007, *On generating functions of modified Laguerre polynomials*, Rev. Real Academia de Ciencias, Zaragoza 62: 91–98, (2007), [nat>](#)
- Carlitz1968c, *Some generating functions for Laguerre polynomials*, Duke Math. J. Vol. 35, Number 4 (1968), 825-827, [gen>](#)
- pahio2013, *Generating function of Laguerre polynomials*, xxxx, [xxxx>](#)
- 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>](#)

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>](#)

Hermite

- 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>](#)
- Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67–84, [gen>](#)
- Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constanta Vol. 16 (2), 2008, 109–116, [nat>](#)
- SinghJoshi1982a, *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>](#)

identities, inequalities

- 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>](#)

Jacobi (elliptic)

- 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>](#)

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>](#)

orthogonal (q -)polynomials

- GhressiKhérijiTounsi2011, *An introduction to the q -Laguerre-Hahn orthogonal q -polynomials*, SIGMA Symmetry Integrability Geom. Methods Appl. **7** (2011), 092, 20 p, [gen>](#)
- Konhauser1967, *Biorthogonal polynomials suggested by the Laguerre polynomials*, Pacific J. Math. Vol. 21, No. 2, 1967, [nat>](#)
- Shen2000, *Orthogonal polynomials on the unit circle associated with the Laguerre polynomials*, Proc. Amer. Math. Soc. (2000) **129**, No. 3, 873–879, [nat>](#)

renewal array, process

- 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>](#)

Rodrigues

- Radulescu2008, *Rodrigues-type formulae for Hermite and Laguerre polynomials*, An. S.t. Univ. Ovidius Constant,a Vol. 16 (2), 2008, 109–116, [nat>](#)

Stirling

- 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>](#)

stochastic processes

- Lawi2008, *Hermite and Laguerre polynomials and matrix valued stochastic processes*, Electron. Commun. Probab. 13 (2008), 67–84, [gen>](#)
- 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>](#)