eduardo Godoy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7781607/publications.pdf

Version: 2024-02-01

61	800	516561	610775
papers	citations	16	24
		h-index	g-index

63	63	63	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Orthogonal Polynomial Interpretation of q-Toda and q-Volterra Equations. Bulletin of the Malaysian Mathematical Sciences Society, 2018, 41, 393-414.	0.4	1
2	Recursive computation of generalised Zernike polynomials. Journal of Computational and Applied Mathematics, 2017, 312, 58-64.	1.1	3
3	Linear Partial Divided-Difference Equation Satisfied by Multivariate Orthogonal Polynomials on Quadratic Lattices. Mathematical Modelling of Natural Phenomena, 2017, 12, 14-43.	0.9	6
4	On moments of hypergeometric bivariate weight functions. Bulletin Des Sciences Mathematiques, 2017, 141, 766-784.	0.5	1
5	Approximate Calculation of Sums II: Gaussian Type Quadrature. SIAM Journal on Numerical Analysis, 2016, 54, 2210-2227.	1.1	3
6	Characterizations of Î”-Volterra lattice: A symmetric orthogonal polynomials interpretation. Journal of Mathematical Analysis and Applications, 2016, 433, 243-259.	0.5	2
7	Orthogonal polynomial interpretation of Î”-Toda equations. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 405206.	0.7	2
8	Bivariate raising and lowering differential operators for eigenfunctions of a 2D Fourier transform. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 075201.	0.7	2
9	Bounds for the zeros of symmetric Kravchuk polynomials. Numerical Algorithms, 2015, 69, 611-624.	1.1	4
10	Bivariate Krawtchouk polynomials: Inversion and connection problems with the NAVIMA algorithm. Journal of Computational and Applied Mathematics, 2015, 284, 50-57.	1.1	3
11	Zero sets of bivariate Hermite polynomials. Journal of Mathematical Analysis and Applications, 2015, 421, 830-841.	0.5	7
12	Approximate Calculation of Sums I: Bounds for the Zeros of Gram Polynomials. SIAM Journal on Numerical Analysis, 2014, 52, 1867-1886.	1.1	7
13	Fixed point theory approach to boundary value problems for second-order difference equations on non-uniform lattices. Advances in Difference Equations, 2014, 2014, .	3.5	5
14	On limit relations between some families of bivariate hypergeometric orthogonal polynomials. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 035202.	0.7	5
15	Linear partial q-difference equations on q-linear lattices and their bivariate q-orthogonal polynomial solutions. Applied Mathematics and Computation, 2013, 223, 520-536.	1.4	16
16	Basic hypergeometric polynomials with zeros on the unit circle. Applied Mathematics and Computation, 2013, 225, 622-630.	1.4	2
17	Zeros of classical orthogonal polynomials of a discrete variable. Mathematics of Computation, 2012, 82, 1069-1095.	1.1	11
18	Basic hypergeometric functions and orthogonal Laurent polynomials. Proceedings of the American Mathematical Society, 2012, 140, 2075-2089.	0.4	11

#	ARTICLE	IF	CITATIONS
19	Bivariate second-order linear partial differential equations and orthogonal polynomial solutions. Journal of Mathematical Analysis and Applications, 2012, 387, 1188-1208.	0.5	19
20	On a class of bivariate second-order linear partial difference equations and their monic orthogonal polynomial solutions. Journal of Mathematical Analysis and Applications, 2012, 389, 165-178.	0.5	13
21	Inequalities for zeros of Jacobi polynomials via Obrechkoffâ€™s theorem. Mathematics of Computation, 2011, 81, 991-1004.	1.1	7
22	Convolutions and zeros of orthogonal polynomials. Applied Numerical Mathematics, 2011, 61, 868-878.	1.2	1
23	Multivariate generalized Bernstein polynomials: identities for orthogonal polynomials of two variables. Numerical Algorithms, 2008, 49, 199-220.	1.1	4
24	Structure relations for monic orthogonal polynomials in two discrete variables. Journal of Mathematical Analysis and Applications, 2008, 340, 825-844.	0.5	16
25	Linear partial difference equations of hypergeometric type: Orthogonal polynomial solutions in two discrete variables. Journal of Computational and Applied Mathematics, 2007, 200, 722-748.	1.1	16
26	ORTHOGONAL POLYNOMIALS AND THE BEZOUT IDENTITY. , 2007, , .		0
27	Zeros of Jacobi functions of second kind. Journal of Computational and Applied Mathematics, 2006, 188, 65-76.	1.1	2
28	Extensions of some results of P. Humbert on Bezout's identity for classical orthogonal polynomials. Journal of Computational and Applied Mathematics, 2006, 196, 212-228.	1.1	5
29	Hypergeometric type q-difference equations: Rodrigues type representation for the second kind solution. Journal of Computational and Applied Mathematics, 2005, 173, 81-92.	1.1	11
30	Orthogonal polynomials of two discrete variables on the simplex. Integral Transforms and Special Functions, 2005, 16, 263-280.	0.8	17
31	Classical symmetric orthogonal polynomials of a discrete variable. Integral Transforms and Special Functions, 2004, 15, 1-12.	0.8	14
32	Formulae relating littleq-Jacobi,q-Hahn andq-Bernstein polynomials: application toq-BÃ©zier curve evaluation. Integral Transforms and Special Functions, 2004, 15, 375-385.	0.8	7
33	Zeros of Gegenbauer and Hermite polynomials and connection coefficients. Mathematics of Computation, 2004, 73, 1937-1952.	1.1	45
34	Classical discrete orthogonal polynomials, Lah numbers, and involutory matrices. Applied Mathematics Letters, 2003, 16, 383-387.	1.5	6
35	Hypergeometric-type differential equations: second kind solutions and related integrals. Journal of Computational and Applied Mathematics, 2003, 157, 93-106.	1.1	16
36	Delta -Coherent Pairs and Orthogonal Polynomials of a Discrete Variable. Integral Transforms and Special Functions, 2003, 14, 31-57.	0.8	17

#	ARTICLE	IF	CITATIONS
37	q-Coherent pairs and q-orthogonal polynomials. Applied Mathematics and Computation, 2002, 128, 191-216.	1.4	9
38	Solving connection and linearization problems within the Askey scheme and its q-analogue via inversion formulas. Journal of Computational and Applied Mathematics, 2001, 133, 151-162.	1.1	26
39	Inner products involving q-differences: the little q-Laguerreâ€“Sobolev polynomials. Journal of Computational and Applied Mathematics, 2000, 118, 1-22.	1.1	13
40	Classical orthogonal polynomials: dependence of parameters. Journal of Computational and Applied Mathematics, 2000, 121, 95-112.	1.1	13
41	Ratio and Plancherelâ€“Rotach asymptotics for Meixnerâ€“Sobolev orthogonal polynomials. Journal of Computational and Applied Mathematics, 2000, 116, 63-75.	1.1	9
42	Title is missing!. Numerical Algorithms, 2000, 23, 31-50.	1.1	14
43	Inner products involving differences: the meixnerâ€"sobolev polynomials. Journal of Difference Equations and Applications, 2000, 6, 1-31.	0.7	11
44	Classification of all Î´-Coherent Pairs. Integral Transforms and Special Functions, 2000, 9, 1-18.	0.8	16
45	Decomposition of Polynomials with Respect to the Cyclic Group of Orderm. Journal of Symbolic Computation, 1999, 28, 755-765.	0.5	2
46	Inversion Problems in theq-Hahn Tableau. Journal of Symbolic Computation, 1999, 28, 767-776.	0.5	20
47	Fourth-order difference equation for the first associated of classical discrete orthogonal polynomials. Journal of Computational and Applied Mathematics, 1998, 90, 45-50.	1.1	7
48	On the limit relations between classical continuous and discrete orthogonal polynomials. Journal of Computational and Applied Mathematics, 1998, 91, 97-105.	1.1	17
49	Connection problems for polynomial solutions of nonhomogeneous differential and difference equations. Journal of Computational and Applied Mathematics, 1998, 99, 177-187.	1.1	10
50	Transverse limits in the Askey tableau. Journal of Computational and Applied Mathematics, 1998, 99, 327-335.	1.1	16
51	Bernstein bases and hahnâ€"eberlein orthogonal polynomials. Integral Transforms and Special Functions, 1998, 7, 87-96.	0.8	11
52	Perturbations of discrete semiclassical functionals by dirac masses. Integral Transforms and Special Functions, 1997, 5, 19-46.	0.8	7
53	Results for some inversion problems for classical continuous and discrete orthogonal polynomials. Journal of Physics A, 1997, 30, L35-L40.	1.6	27
54	Minimal recurrence relations for connection coefficients between classical orthogonal polynomials: Continuous case. Journal of Computational and Applied Mathematics, 1997, 84, 257-275.	1.1	52

#	ARTICLE	IF	CITATIONS
55	Minimal recurrence relations for connection coefficients between classical orthogonal polynomials: Discrete case. Journal of Computational and Applied Mathematics, 1997, 87, 321-337.	1.1	21
56	Recurrence relation approach for connection coefficients. Applications to classical discrete orthogonal polynomials. CRM Proceedings & Lecture Notes, 1996, , 319-335.	0.1	18
57	Recurrence relations for connection coefficients between two families of orthogonal polynomials. Journal of Computational and Applied Mathematics, 1995, 62, 67-73.	1.1	60
58	Fourth-order differential equations satisfied by the generalized co-recursive of all classical orthogonal polynomials. A study of their distribution of zeros. Journal of Computational and Applied Mathematics, 1995, 59, 295-328.	1.1	14
59	Fourt-order differential equation satisfied by the associated of any order of all classical orthogonal polynomials. A study of their distribution of zeros. Journal of Computational and Applied Mathematics, 1993, 49, 349-359.	1.1	21
60	Orthogonal Polynomials and Rational Modifications of Measures. Canadian Journal of Mathematics, 1993, 45, 930-943.	0.3	29
61	Orthogonal polynomials on the unit circle: distribution of zeros. Journal of Computational and Applied Mathematics, 1991, 37, 195-208.	1.1	11