

Stanisław Lewanowicz

List of Publications by Year in descending order

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papers

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38
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Constrained approximation of rational triangular Bézier surfaces by polynomial triangular Bézier surfaces. Numerical Algorithms, 2017, 75, 93-111.	1.9	3
2	Bézier form of dual bivariate Bernstein polynomials. Advances in Computational Mathematics, 2017, 43, 777-793.	1.6	0
3	Degree reduction of composite Bézier curves. Applied Mathematics and Computation, 2017, 293, 40-48.	2.2	4
4	G, l -constrained multi-degree reduction of Bézier curves. Numerical Algorithms, 2016, 71, 121-137.	1.9	4
5	Efficient merging of multiple segments of Bézier curves. Applied Mathematics and Computation, 2015, 268, 354-363.	2.2	4
6	Structure relations for the bivariate big q-Jacobi polynomials. Applied Mathematics and Computation, 2013, 219, 8790-8802.	2.2	3
7	Polynomial approximation of rational Bézier curves with constraints. Numerical Algorithms, 2012, 59, 607-622.	1.9	16
8	Bézier representation of the constrained dual Bernstein polynomials. Applied Mathematics and Computation, 2011, 218, 4580-4586.	2.2	18
9	Multi-degree reduction of tensor product Bézier surfaces with general boundary constraints. Applied Mathematics and Computation, 2011, 217, 4596-4611.	2.2	11
10	Two-variable orthogonal polynomials of big q-Jacobi type. Journal of Computational and Applied Mathematics, 2010, 233, 1554-1561.	2.0	14
11	Constrained multi-degree reduction of triangular Bézier surfaces using dual Bernstein polynomials. Journal of Computational and Applied Mathematics, 2010, 235, 785-804.	2.0	11
12	Multi-degree reduction of Bézier curves with constraints, using dual Bernstein basis polynomials. Computer Aided Geometric Design, 2009, 26, 566-579.	1.2	50
13	Multivariate generalized Bernstein polynomials: identities for orthogonal polynomials of two variables. Numerical Algorithms, 2008, 49, 199-220.	1.9	4
14	Connections between two-variable Bernstein and Jacobi polynomials on the triangle. Journal of Computational and Applied Mathematics, 2006, 197, 520-533.	2.0	14
15	Dual generalized Bernstein basis. Journal of Approximation Theory, 2006, 138, 129-150.	0.8	23
16	Generalized Bernstein Polynomials. BIT Numerical Mathematics, 2004, 44, 63-78.	2.0	42
17	Recurrence Relations for the Coefficients in Series Expansions with Respect to Semi-Classical Orthogonal Polynomials. Numerical Algorithms, 2004, 35, 61-79.	1.9	0
18	Construction of recurrences for the coefficients of expansions in q-classical orthogonal polynomials. Journal of Computational and Applied Mathematics, 2003, 153, 295-309.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Representations for the first associated q-classical orthogonal polynomials. Journal of Computational and Applied Mathematics, 2003, 150, 311-327.	2.0	5
20	Recurrences for the coefficients of series expansions with respect to classical orthogonal polynomials. Applicationes Mathematicae, 2002, 29, 97-116.	0.1	4
21	Recursion formulae for basic hypergeometric functions. Journal of Computational and Applied Mathematics, 2000, 121, 297-312.	2.0	2
22	Title is missing!. Numerical Algorithms, 2000, 23, 31-50.	1.9	14
23	Recurrence relations for the connection coefficients of orthogonal polynomials of a discrete variable on the lattice $x(s) = q2s$. Journal of Computational and Applied Mathematics, 1998, 99, 275-286.	2.0	13
24	Generalized Watson's summation formula for $3F_2(1)$. Journal of Computational and Applied Mathematics, 1997, 86, 375-386.	2.0	29
25	On the fourth-order difference equation for the associated Meixner polynomials. Journal of Computational and Applied Mathematics, 1997, 80, 351-358.	2.0	2
26	Linearization of the product of orthogonal polynomials of a discrete variable. Applicationes Mathematicae, 1997, 24, 445-455.	0.1	7
27	Second-order recurrence relation for the linearization coefficients of the classical orthogonal polynomials. Journal of Computational and Applied Mathematics, 1996, 69, 159-170.	2.0	24
28	Recurrence relations for the connection coefficients of orthogonal polynomials of a discrete variable. Journal of Computational and Applied Mathematics, 1996, 76, 213-229.	2.0	29
29	Results on the associated classical orthogonal polynomials. Journal of Computational and Applied Mathematics, 1995, 65, 215-231.	2.0	18
30	An analytic method for convergence acceleration of certain hypergeometric series. Mathematics of Computation, 1995, 64, 691-691.	2.1	8
31	A simple approach to the summation of certain slowly convergent series. Mathematics of Computation, 1994, 63, 741-741.	2.1	1
32	Results on the associated Jacobi and Gegenbauer polynomials. Journal of Computational and Applied Mathematics, 1993, 49, 137-143.	2.0	10
33	Error bounds for a near-minimax approximation. BIT Numerical Mathematics, 1993, 33, 151-157.	2.0	0
34	Quick construction of recurrence relations for the Jacobi coefficients. Journal of Computational and Applied Mathematics, 1992, 43, 355-372.	2.0	23
35	Evaluation of Bessel function integrals with algebraic singularities. Journal of Computational and Applied Mathematics, 1991, 37, 101-112.	2.0	12
36	Recurrence Relations for the Coefficients in Jacobi Series Solutions of Linear Differential Equations. SIAM Journal on Mathematical Analysis, 1986, 17, 1037-1052.	1.9	11

#	ARTICLE	IF	CITATIONS
37	Construction of a recurrence relation for modified moments. Journal of Computational and Applied Mathematics, 1979, 5, 193-206.	2.0	8