

Paweł, Woźny

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-degree reduction of Bézier curves with constraints, using dual Bernstein basis polynomials. Computer Aided Geometric Design, 2009, 26, 566-579.	1.2	50
2	Generalized Bernstein Polynomials. BIT Numerical Mathematics, 2004, 44, 63-78.	2.0	42
3	Dual generalized Bernstein basis. Journal of Approximation Theory, 2006, 138, 129-150.	0.8	23
4	Bézier representation of the constrained dual Bernstein polynomials. Applied Mathematics and Computation, 2011, 218, 4580-4586.	2.2	18
5	Polynomial approximation of rational Bézier curves with constraints. Numerical Algorithms, 2012, 59, 607-622.	1.9	16
6	Connections between two-variable Bernstein and Jacobi polynomials on the triangle. Journal of Computational and Applied Mathematics, 2006, 197, 520-533.	2.0	14
7	Two-variable orthogonal polynomials of big q-Jacobi type. Journal of Computational and Applied Mathematics, 2010, 233, 1554-1561.	2.0	14
8	Construction of dual bases. Journal of Computational and Applied Mathematics, 2013, 245, 75-85.	2.0	14
9	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
10	Multi-degree reduction of tensor product Bézier surfaces with general boundary constraints. Applied Mathematics and Computation, 2011, 217, 4596-4611.	2.2	11
11	Construction of dual B-spline functions. Journal of Computational and Applied Mathematics, 2014, 260, 301-311.	2.0	11
12	Linear-time geometric algorithm for evaluating Bézier curves. CAD Computer Aided Design, 2020, 118, 102760.	2.7	8
13	Formulae relating little q-Jacobi, q-Hahn and q-Bernstein polynomials: application to q-Bézier curve evaluation. Integral Transforms and Special Functions, 2004, 15, 375-385.	1.2	7
14	Multivariate generalized Bernstein polynomials: identities for orthogonal polynomials of two variables. Numerical Algorithms, 2008, 49, 199-220.	1.9	4
15	Method of summation of some slowly convergent series. Applied Mathematics and Computation, 2009, 215, 1622-1645.	2.2	4
16	Efficient merging of multiple segments of Bézier curves. Applied Mathematics and Computation, 2015, 268, 354-363.	2.2	4
17	G, l-constrained multi-degree reduction of Bézier curves. Numerical Algorithms, 2016, 71, 121-137.	1.9	4
18	Degree reduction of composite Bézier curves. Applied Mathematics and Computation, 2017, 293, 40-48.	2.2	4

#	ARTICLE	IF	CITATIONS
19	Structure relations for the bivariate big q-Jacobi polynomials. Applied Mathematics and Computation, 2013, 219, 8790-8802.	2.2	3
20	Constrained approximation of rational triangular Bézier surfaces by polynomial triangular Bézier surfaces. Numerical Algorithms, 2017, 75, 93-111.	1.9	3
21	Recurrence relations for the coefficients of expansions in classical orthogonal polynomials of a discrete variable. Applicationes Mathematicae, 2003, 30, 89-107.	0.1	3
22	Efficient algorithm for summation of some slowly convergent series. Applied Numerical Mathematics, 2010, 60, 1442-1453.	2.1	2
23	Simple algorithms for computing the Bézier coefficients of the constrained dual Bernstein polynomials. Applied Mathematics and Computation, 2012, 219, 2521-2525.	2.2	2
24	Merging of Bézier curves with box constraints. Journal of Computational and Applied Mathematics, 2016, 296, 265-274.	2.0	2
25	Differential-recurrence properties of dual Bernstein polynomials. Applied Mathematics and Computation, 2018, 338, 537-543.	2.2	2
26	On the convergence of the method for indefinite integration of oscillatory and singular functions. Applied Mathematics and Computation, 2010, 216, 989-998.	2.2	1
27	A short note on Jacobi-Bernstein connection coefficients. Applied Mathematics and Computation, 2013, 222, 53-57.	2.2	1
28	Recurrence Relations for the Coefficients in Series Expansions with Respect to Semi-Classical Orthogonal Polynomials. Numerical Algorithms, 2004, 35, 61-79.	1.9	0
29	New properties of a certain method of summation of generalized hypergeometric series. Numerical Algorithms, 2017, 76, 377-391.	1.9	0
30	Bézier form of dual bivariate Bernstein polynomials. Advances in Computational Mathematics, 2017, 43, 777-793.	1.6	0
31	Fast and accurate evaluation of dual Bernstein polynomials. Numerical Algorithms, 2021, 87, 1001-1015.	1.9	0