

# Paweł, Woźny

## List of Publications by Year in descending order

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31  
papers

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citations

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docs citations

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-degree reduction of Bézier curves with constraints, using dual Bernstein basis polynomials. <i>Computer Aided Geometric Design</i> , 2009, 26, 566-579.	0.5	50
2	Generalized Bernstein Polynomials. <i>BIT Numerical Mathematics</i> , 2004, 44, 63-78.	1.0	42
3	Dual generalized Bernstein basis. <i>Journal of Approximation Theory</i> , 2006, 138, 129-150.	0.5	23
4	Bézier representation of the constrained dual Bernstein polynomials. <i>Applied Mathematics and Computation</i> , 2011, 218, 4580-4586.	1.4	18
5	Polynomial approximation of rational Bézier curves with constraints. <i>Numerical Algorithms</i> , 2012, 59, 607-622.	1.1	16
6	Connections between two-variable Bernstein and Jacobi polynomials on the triangle. <i>Journal of Computational and Applied Mathematics</i> , 2006, 197, 520-533.	1.1	14
7	Two-variable orthogonal polynomials of big q-Jacobi type. <i>Journal of Computational and Applied Mathematics</i> , 2010, 233, 1554-1561.	1.1	14
8	Construction of dual bases. <i>Journal of Computational and Applied Mathematics</i> , 2013, 245, 75-85.	1.1	14
9	Constrained multi-degree reduction of triangular Bézier surfaces using dual Bernstein polynomials. <i>Journal of Computational and Applied Mathematics</i> , 2010, 235, 785-804.	1.1	11
10	Multi-degree reduction of tensor product Bézier surfaces with general boundary constraints. <i>Applied Mathematics and Computation</i> , 2011, 217, 4596-4611.	1.4	11
11	Construction of dual B-spline functions. <i>Journal of Computational and Applied Mathematics</i> , 2014, 260, 301-311.	1.1	11
12	Linear-time geometric algorithm for evaluating Bézier curves. <i>CAD Computer Aided Design</i> , 2020, 118, 102760.	1.4	8
13	Formulae relating little q-Jacobi, q-Hahn and q-Bernstein polynomials: application to q-Bézier curve evaluation. <i>Integral Transforms and Special Functions</i> , 2004, 15, 375-385.	0.8	7
14	Multivariate generalized Bernstein polynomials: identities for orthogonal polynomials of two variables. <i>Numerical Algorithms</i> , 2008, 49, 199-220.	1.1	4
15	Method of summation of some slowly convergent series. <i>Applied Mathematics and Computation</i> , 2009, 215, 1622-1645.	1.4	4
16	Efficient merging of multiple segments of Bézier curves. <i>Applied Mathematics and Computation</i> , 2015, 268, 354-363.	1.4	4
17	G, l-constrained multi-degree reduction of Bézier curves. <i>Numerical Algorithms</i> , 2016, 71, 121-137.	1.1	4
18	Degree reduction of composite Bézier curves. <i>Applied Mathematics and Computation</i> , 2017, 293, 40-48.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Structure relations for the bivariate big q-Jacobi polynomials. Applied Mathematics and Computation, 2013, 219, 8790-8802.	1.4	3
20	Constrained approximation of rational triangular B�zier surfaces by polynomial triangular B�zier surfaces. Numerical Algorithms, 2017, 75, 93-111.	1.1	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.	1.2	2
23	Simple algorithms for computing the B�zier coefficients of the constrained dual Bernstein polynomials. Applied Mathematics and Computation, 2012, 219, 2521-2525.	1.4	2
24	Merging of B�zier curves with box constraints. Journal of Computational and Applied Mathematics, 2016, 296, 265-274.	1.1	2
25	Differential-recurrence properties of dual Bernstein polynomials. Applied Mathematics and Computation, 2018, 338, 537-543.	1.4	2
26	On the convergence of the method for indefinite integration of oscillatory and singular functions. Applied Mathematics and Computation, 2010, 216, 989-998.	1.4	1
27	A short note on Jacobi�Bernstein connection coefficients. Applied Mathematics and Computation, 2013, 222, 53-57.	1.4	1
28	Recurrence Relations for the Coefficients in Series Expansions with Respect to Semi-Classical Orthogonal Polynomials. Numerical Algorithms, 2004, 35, 61-79.	1.1	0
29	New properties of a certain method of summation of generalized hypergeometric series. Numerical Algorithms, 2017, 76, 377-391.	1.1	0
30	B�zier form of dual bivariate Bernstein polynomials. Advances in Computational Mathematics, 2017, 43, 777-793.	0.8	0
31	Fast and accurate evaluation of dual Bernstein polynomials. Numerical Algorithms, 2021, 87, 1001-1015.	1.1	0