References

[1] George Barmpalias. Random non-cupping revisited. *J. Complexity*, 22(6):850–857, 2006.

[2] Dan Bates, Chris Peterson, and Andrew J. Sommese. A numerical-symbolic algorithm for computing the multiplicity of a component of an algebraic set. *J. Complexity*, 22(4):475–489, 2006.

[3] Arvid J. Bessen. A lower bound for the sturm-liouville eigenvalue problem on a quantum computer. *J. Complexity*, 22(5):660–675, 2006.

[4] Vasco Brattka and Atsushi Yoshikawa. Towards computability of elliptic boundary value problems in variational formulation. *J. Complexity*, 22(6):858–880, 2006.

[5] Douglas Bridges, Robin Havea, and Peter Schuster. Ideals in constructive banach algebra theory. *J. Complexity*, 22(6):729–737, 2006.

[6] D.S. Bridges and L.S. Vîţă. Pre-apartness structures on spaces of functions. *J. Complexity*, 22(6):881–893, 2006.

[7] Thomas Brihaye and Christian Michaux. Erratum to "on the expressiveness and decidability of *o*-minimal hybrid systems". *J. Complexity*, 22(3):431–434, 2006. Originally in J. Complexity, Vol. 21, 2005, No. 4, 447-478.

[8] Peter Bürgisser and Felipe Cucker. Counting complexity classes for numeric computations ii: Algebraic and semialgebraic sets. *J. Complexity*, 22(2):147–191, 2006.

[9] Dennis Cheung and Felipe Cucker. Solving linear programs with finite precision: Ii. algorithms. *J. Complexity*, 22(3):305–335, 2006.

[10] Ligia L. Cristea, Josef Dick, and Friedrich Pillichshammer. On the mean square weighted l_2 discrepancy of randomized digital nets in prime base. *J. Complexity*, 22(5):605–629, 2006.

[11] Stephan Dahlke, Erich Novak, and Winfried Sickel. Optimal approximation of elliptic problems by linear and nonlinear mappings i. *J. Complexity*, 22(1):29–49, 2006.

[12] Stephan Dahlke, Erich Novak, and Winfried Sickel. Optimal approximation of elliptic problems by linear and nonlinear mappings ii. *J. Complexity*, 22(4):549–603, 2006.

[13] Lisi D'Alfonso, Gabriela Jeronimo, and Pablo Solernó. On the complexity of the resolvent representation of some prime differential ideals. *J. Complexity*, 22(3):396–430, 2006.

[14] Santiago Figueira, Frank Stephan, and Guohua Wu. Randomness and universal machines. *J. Complexity*, 22(6):738–751, 2006.

[15] Vassil Grozdanov. The weighted b-adic diaphony. *J. Complexity*, 22(4):490–513, 2006.

[16] Stefan Heinrich. Monte carlo approximation of weakly singular integral operators. *J. Complexity*, 22(2):192–219, 2006.

[17] Stefan Heinrich. The quantum query complexity of elliptic pde. *J. Complexity*, 22(5):691–725, 2006.

[18] Stefan Heinrich. The randomized information complexity of elliptic pde. *J. Complexity*, 22(2):220–249, 2006.

[19] Peter Hertling. A sequentially computable function that is not effectively continuous at any point. *J. Complexity*, 22(6):752–767, 2006.

[20] Matthias Horn. Optimal algorithms for global optimization in case of unknown lipschitz constant. *J. Complexity*, 22(1):50–70, 2006.

[21] Shinji Iizuka. Effective continuities on effective topological spaces. *J. Complexity*, 22(6):894–908, 2006.

[22] Bolesław Kacewicz. Almost optimal solution of initial-value problems by randomized and quantum algorithms. *J. Complexity*, 22(5):676–690, 2006.

[23] Peter Kritzer. Improved upper bounds on the star discrepancy of (t, m, s)-nets and (t, s)-sequences. *J. Complexity*, 22(3):336–347, 2006.

[24] Frances Y. Kuo, Grzegorz W. Wasilkowski, and Benjamin J. Waterhouse. Randomly shifted lattice rules for unbounded integrands. *J. Complexity*, 22(5):630–651, 2006.

[25] Branimir Lambov. The basic feasible functionals in computable analysis. *J. Complexity*, 22(6):909–917, 2006.

[26] V. Maiorov. Approximation by neural networks and learning theory. *J. Complexity*, 22(1):102–117, 2006.

[27] Peter Mathé and Sergei V. Pereverzev. The discretized discrepancy principle under general source conditions. *J. Complexity*, 22(3):371–381, 2006.

[28] Wilfried Meidl. Enumeration results on linear complexity profiles and lattice profiles. *J. Complexity*, 22(2):275–286, 2006.

[29] H.N. Mhaskar. Weighted quadrature formulas and approximation by zonal function networks on the sphere. *J. Complexity*, 22(3):348–370, 2006.

[30] Nathaniel Miller. Computational complexity of diagram satisfaction in euclidean geometry. *J. Complexity*, 22(2):250–274, 2006.

[31] Jerzy Mycka and José Félix Costa. The $p \neq np$ conjecture in the context of real and complex analysis. *J. Complexity*, 22(2):287–303, 2006.

[32] Andreas Neuenkirch. Optimal approximation of sde's with additive fractional noise. *J. Complexity*, 22(4):459–474, 2006.

[33] Dirk Nuyens and Ronald Cools. Fast component-by-component construction of rank-1 lattice rules with a non-prime number of points. *J. Complexity*, 22(1):4–28, 2006.

[34] Giray Ökten, Bruno Tuffin, and Vadim Burago. A central limit theorem and improved error bounds for a hybrid-monte carlo sequence with applications in computational finance. *J. Complexity*, 22(4):435–458, 2006.

[35] Knut Petras and Klaus Ritter. On the complexity of parabolic initial-value problems with variable drift. *J. Complexity*, 22(1):118–145, 2006.

[36] Robert Rettinger and Xizhong Zheng. A hierarchy of turing degrees of divergence bounded computable real numbers. *J. Complexity*, 22(6):818–826, 2006.

[37] Matthias Schröder and Alex Simpson. Representing probability measures using probabilistic processes. *J. Complexity*, 22(6):768–782, 2006.

[38] Nigang Sun and Lei Hu. Expansion and linear complexity of the coordinate sequences over galois rings. *J. Complexity*, 22(3):382–395, 2006.

[39] Marek Szczęsny. Complexity of initial-value problems for ordinary differential equations of order k. *J. Complexity*, 22(4):514–532, 2006.

[40] Shu Tezuka and Anargyros Papageorgiou. Exact cubature for a class of functions of maximum effective dimension. *J. Complexity*, 22(5):652–659, 2006.

[41] Jin-hua Wang and Chong Li. Uniqueness of the singular points of vector fields on riemannian manifolds under the γ-condition. *J. Complexity*, 22(4):533–548, 2006.

[42] Ben J. Waterhouse, Frances Y. Kuo, and Ian H. Sloan. Randomly shifted lattice rules on the unit cube for unbounded integrands in high dimensions. *J. Complexity*, 22(1):71–101, 2006.

[43] Klaus Weihrauch and Ning Zhong. Computing schrödinger propagators on type-2 turing machines. *J. Complexity*, 22(6):918–935, 2006.

[44] Satoru Yoshida. Generalized functions with pseudobounded support in constructive mathematics. *J. Complexity*, 22(6):783–802, 2006.

[45] Fuxiang Yu, Arthur Chou, and Ker-I Ko. On the complexity of finding circumscribed rectangles and squares for a two-dimensional domain. *J. Complexity*, 22(6):803–817, 2006.

[46] Martin Ziegler. Effectively open real functions. *J. Complexity*, 22(6):827–849, 2006.