

References

- [1] Nicomedes Alonso III and Kenneth L. Bowers. An alternating-direction sinc-galerkin method for elliptic problems. *J. Complexity*, 25(3):237–252, 2009.
- [2] Ioannis K. Argyros and Saïd Hilout. On the weakening of the convergence of newton’s method using recurrent functions. *J. Complexity*, 25(6):530–543, 2009.
- [3] Diego Armentano and Jean-Pierre Dedieu. A note about the average number of real roots of a bernstein polynomial system. *J. Complexity*, 25(4):339–342, 2009.
- [4] Frank Aurzada, Steffen Dereich, Michael Scheutzow, and Christian Vormoor. High resolution quantization and entropy coding of jump processes. *J. Complexity*, 25(2):163–187, 2009.
- [5] Eric Bach. Iterative root approximation in p -adic numerical analysis. *J. Complexity*, 25(6):511–529, 2009.
- [6] Jan Baldeaux, Josef Dick, and Peter Kritzer. On the approximation of smooth functions using generalized digital nets. *J. Complexity*, 25(6):544–567, 2009.
- [7] Haotao Cai. A fast petrov-galerkin method for solving the generalized airfoil equation. *J. Complexity*, 25(5):420–436, 2009.
- [8] S.B. Damelin, J. Levesley, D.L. Ragozin, and X. Sun. Energies, group-invariant kernels and numerical integration on compact manifolds. *J. Complexity*, 25(2):152–162, 2009.
- [9] Christine De Mol, Ernesto De Vito, and Lorenzo Rosasco. Elastic-net regularization in learning theory. *J. Complexity*, 25(2):201–230, 2009.
- [10] Biancamaria Della Vecchia, Giuseppe Mastroianni, and József Szabados. Weighted approximation by entire functions interpolating at finitely or infinitely many points on the real line. *J. Complexity*, 25(3):303–310, 2009.
- [11] Josef Dick and Harald Niederreiter. Duality for digital sequences. *J. Complexity*, 25(5):406–414, 2009.

- [12] Robert J. Durrant and Ata Kabán. When is “nearest neighbour” meaningful: A converse theorem and implications. *J. Complexity*, 25(4):385–397, 2009.
- [13] J.A. Ezquerro and M.A. Hernández. An optimization of chebyshev’s method. *J. Complexity*, 25(4):343–361, 2009.
- [14] Michael Gnewuch. On probabilistic results for the discrepancy of a hybrid-monte carlo sequence. *J. Complexity*, 25(4):312–317, 2009.
- [15] Michael Gnewuch, Anand Srivastav, and Carola Winzen. Finding optimal volume subintervals with k points and calculating the star discrepancy are np -hard problems. *J. Complexity*, 25(2):115–127, 2009.
- [16] Rafael Grimson and Bart Kuijpers. Some lower bounds for the complexity of the linear programming feasibility problem over the reals. *J. Complexity*, 25(1):25–37, 2009.
- [17] Stefan Heinrich. Randomized approximation of sobolev embeddings, ii. *J. Complexity*, 25(5):455–472, 2009.
- [18] Stefan Heinrich. Randomized approximation of sobolev embeddings, iii. *J. Complexity*, 25(5):473–507, 2009.
- [19] Paul C. Kainen, Vera Kurková, and Marcello Sanguineti. Complexity of gaussian-radial-basis networks approximating smooth functions. *J. Complexity*, 25(1):63–74, 2009.
- [20] Hidesada Kanda and Kenshuu Shimomukai. Numerical study of pressure distribution in entrance pipe flow. *J. Complexity*, 25(3):253–267, 2009.
- [21] Joanna Kapusta and Ryszard Smarzewski. Fast algorithms for multivariate interpolation and evaluation at special points. *J. Complexity*, 25(4):332–338, 2009.
- [22] Chong Li, Jin-Hua Wang, and Jean-Pierre Dedieu. Smale’s point estimate theory for newton’s method on lie groups. *J. Complexity*, 25(2):128–151, 2009.
- [23] Peter Mathé and Sergei V. Pereverzev. The use of higher order finite difference schemes is not dangerous. *J. Complexity*, 25(1):3–10, 2009.

- [24] Charles A. Micchelli, Yuesheng Xu, and Haizhang Zhang. Optimal learning of bandlimited functions from localized sampling. *J. Complexity*, 25(2):85–114, 2009.
- [25] Erich Novak and Henryk Woźniakowski. Approximation of infinitely differentiable multivariate functions is intractable. *J. Complexity*, 25(4):398–404, 2009.
- [26] Giray Ökten. Generalized von neumann-kakutani transformation and random-start scrambled halton sequences. *J. Complexity*, 25(4):318–331, 2009.
- [27] Anargyros Papageorgiou and Iasonas Petras. On the tractability of linear tensor product problems in the worst case. *J. Complexity*, 25(5):415–419, 2009.
- [28] L. Plaskota, G.W. Wasilkowski, and Y. Zhao. New averaging technique for approximating weighted integrals. *J. Complexity*, 25(3):268–291, 2009.
- [29] Petko D. Proinov. General local convergence theory for a class of iterative processes and its applications to newton’s method. *J. Complexity*, 25(1):38–62, 2009.
- [30] Daniel Rudolf. Explicit error bounds for lazy reversible markov chain monte carlo. *J. Complexity*, 25(1):11–24, 2009.
- [31] I. Steinwart. Oracle inequalities for support vector machines that are based on random entropy numbers. *J. Complexity*, 25(5):437–454, 2009.
- [32] Frank Stenger. Polynomial function and derivative approximation of sinc data. *J. Complexity*, 25(3):292–302, 2009.
- [33] Fasheng Sun, Min-Qian Liu, and Wenrui Hao. An algorithmic approach to finding factorial designs with generalized minimum aberration. *J. Complexity*, 25(1):75–84, 2009.
- [34] A.A. Tretyakov and E.E. Tyrtyshnikov. Optimal in-place transposition of rectangular matrices. *J. Complexity*, 25(4):377–384, 2009.

- [35] Heping Wang, Xuebo Zhai, and Yanwei Zhang. Approximation of functions on the sobolev space on the sphere in the average case setting. *J. Complexity*, 25(4):362–376, 2009.
- [36] Arthur G. Werschulz. Tractability of the helmholtz equation with non-homogeneous neumann boundary conditions: The relation to the l_2 -approximation. *J. Complexity*, 25(6):568–600, 2009.
- [37] Bin Zou, Hai Zhang, and Zongben Xu. Learning from uniformly ergodic markov chains. *J. Complexity*, 25(2):188–200, 2009.