Departmental List of Publications for the Year 2005

Books

[1] J.J. Buckley. *Simulating Fuzzy Systems*. Springer, 2005.
[2] J.J. Buckley and L. Jowers. *Simulating Continuous Fuzzy Systems*. Springer, 2005.
[3] J.J. Buckley and W. Siler. *Fuzzy Expert Systems and Fuzzy Reasoning*. Wiley, 2005.

Articles

[1] Imre Bárány and Nándor Simányi. A note on the size of the largest ball inside a convex polytope. *Period. Math. Hungar.*, 51(2):15–18, 2005.

[2] Alexander Blokh. Necessary conditions for the existence of wandering triangles for cubic laminations. *Discrete Contin. Dyn. Syst.*, 13(1):13–34, 2005.

[3] Alexander Blokh, Chris Cleveland, and Michał Misiurewicz. Julia sets of expanding polymodials. *Ergodic Theory Dynam. Systems*, 25(6):1691–1718, 2005.

[4] Alexander Blokh and Michał Misiurewicz. Attractors and recurrence for dendrite-critical polynomials. *J. Math. Anal. Appl.*, 306(2):567–588, 2005.

[5] Alexander Blokh and Michał Misiurewicz. Branched derivatives. *Nonlinearity*, 18(2):703–715, 2005.

[6] Alexander Blokh, Lex Oversteegen, and E. D. Tymchatyn. On minimal maps of 2-manifolds. *Ergodic Theory Dynam. Systems*, 25(1):41–57, 2005.

[7] Anne Boutet de Monvel, Peter Stollmann, and Günter Stolz. Absence of continuous spectral types for certain non-stationary random Schrödinger operators. *Ann. Henri Poincaré*, 6(2):309–326, 2005.

[8] B. M. Brown, M. Jais, and I. W. Knowles. A variational approach to an elastic inverse problem. *Inverse Problems*, 21(6):1953–1973, 2005.

[9] B. M. Brown, S. Naboko, and R. Weikard. The inverse resonance problem for Jacobi operators. *Bull. London Math. Soc.*, 37(5):727–737, 2005.

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[11] J. J. Buckley, K. D. Reilly, and L. J. Jowers. Simulating continuous fuzzy systems. I. *Iran. J. Fuzzy Syst.*, 2(1):1–17, 77, 2005.

[12] James J. Buckley, Thomas Feuring, and Yoichi Hayashi. Fuzzy eigenvalues. *J. Fuzzy Math.*, 13(4):757–773, 2005.

[13] James J. Buckley, Kevin D. Reilly, and Xidong Zheng. Simulation of fuzzy systems. I. In *Applied research in uncertainty modeling and analysis*, volume 20 of *Internat. Ser. Intell. Tech.*, pages 31–60. Springer, New York, 2005.

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[15] J.J. Buckley. Fuzzy statistics: Hypothesis testing. *Soft Computing*, 9:512–518, 2005.

[16] J.J. Buckley. Fuzzy statistics: Regression and prediction. *Soft Computing*, 9:769–775, 2005.

[17] J.J. Buckley. Fuzzy systems. *Soft Computing*, 9:757–760, 2005.

[18] J.J. Buckley. Maximum entropy principle with imprecise side-conditions. *Soft Computing*, 9:507–511, 2005.

[19] J.J. Buckley. Maximum entropy principle with imprecise side-conditions ii: Crisp discrete solutions. *Soft Computing*, 10:187–192, 2005.

[20] N. Chernov and C. Lesort. Least squares fitting of circles. *J. Math. Imaging Vision*, 23(3):239–252, 2005.

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