

Doctoral Degrees Conferred 2001–2002

Supplementary List

The following list supplements the list of thesis titles published in the February 2003 *Notices*, pages 264–80.

ARIZONA

Arizona State University (6)

MATHEMATICS

Archibald, Richard, Boundary detection and reconstruction in magnetic resonance imaging.

Dunn, Charles, Extensions of a simple competitive graph coloring algorithm.

Kuo, Yu-Ju, Interior point algorithms for second order cone problems with applications.

Loladze, Irakli, The importance of being stoichiometric: Population dynamics from the perspective of chemical elements.

Marthaler, Daniel, Two problems from nonlinear dynamical systems.

Zela, Dritan, A continuum spine model for the horizontal cell-to-cone feedback in cat outer retina.

COLORADO

University of Colorado (3)

MATHEMATICS

Caravone, Curtis, On the convergence of model-free policy iteration algorithms for reinforcement learning: Stochastic approximation under discontinuous mean dynamics.

Caulk, Suzanne, Explicit action of Hecke operators on Hilbert-Siegel modular forms.

Kornelson, Keri, Local solvability of Laplacian difference operators arising from the discrete Heisenberg group.

GEORGIA

University of Georgia (2)

MATHEMATICS

Bindner, Donald, On the space spanned by the powers of an operator and its adjoint.

Liu, Ruihua, Hierarchical control and filtering of stochastic markovian system.

NORTH CAROLINA

Duke University (1)

MATHEMATICS

Collins, Anne D., Configuration spaces in robotic manipulation and motion planning.

PENNSYLVANIA

Carnegie Mellon University (2)

STATISTICS

Ghiuivea, Cristian, Pricing of generalized American options with applications to energy derivatives.

Ianus, Iuliana, Approximate robust Bayesian inference with applications to sample size calculation.