

Doctoral Degrees Conferred 2003–2004

Supplementary List

The following list supplements the list of thesis titles published in the February 2005 *Notices*, pages 264–82.

ALABAMA

Auburn University (4)

MATHEMATICS AND STATISTICS

Granado, Michael, On the moving off property and weak additivity of local connectedness and metrizability.

Holliday, John, The Shields-Harary number graphs.

Logan, Sasha, Maximal sets of Hamilton cycles.

Muse, William, Orthogonal quadruple systems and 3-frames.

CALIFORNIA

University of California, Irvine (4)

MATHEMATICS

Boutchaktchiev, Vilislav, Mixed Hodge structure on Brill-Noether stacks.

Gurtas, Yusuf, Positive Dehn twist expressions for some elements of finite order in the mapping class group.

Tsai, Yen-Lung, Non-abelian Clemens-Schmid exact sequences.

Yun, Myung Sik, Numerical simulation of microstructural evolution of inhomogenous elastic media.

University of California, San Diego

(10)

MATHEMATICS

Chang, Frank, Division algebras over generalized local fields.

Kroyan, Julia, Trust-search algorithms for unconstrained optimization.

Lu, Shaoying, Scalable parallel multilevel algorithms for solving partial differential equations.

McMurry, Timothy Lewis, Infinite order flat-top kernels in nonparametric regression.

Melcher, Tai, Hypoelliptic heat kernel inequalities on Lie groups.

Mendes, Anthony A., Building generating functions brick by brick.

Ovall, Jeffrey Scott, Duality-based adaptive refinement for elliptic PDEs.

Parker, Cameron, Block bootstrap methods for unit root testing.

Sanchez, Rino, A construction of small unitary representations.

Schuman, Michele Ann, A new look at problems of Herstein and Kaplansky.

FLORIDA

University of Florida (1)

STATISTICS

Kim, Myung Joon, Constrained Bayes and empirical Bayes estimators under squared error and balanced loss functions.

KENTUCKY

University of Kentucky (4)

STATISTICS

Berhane, Indrias, Consistency and generalization error bound of feed forward neural network trained with smoothing regularizer.

Kim, Kyoungmi, Empirical likelihood ratio method when additional information is known.

Peng, Xuejun, Simultaneous inference and sample size considerations for microarray data analysis.

Smith, Michelle, Markov chain analysis and statistical inference for start-up demonstration test.

NEW JERSEY

Rutgers University, Graduate School (4)

STATISTICS

Eyheramendy, Susana, Bayesian text categorization.

Liu, Jun, Stochastic control problems with limitations on the set of allowable controls.

Thompson, Wesley, Transformation and selection of covariates estimating equations.

Zhang, Jingshan, Scalar scale analysis of multivariate data-robust testing based on scale curves.

PENNSYLVANIA

Temple University (5)

STATISTICS

Allen, Shannon Eileen, Analysis of hierarchical factorial layouts when observations are sampled from unbalanced finite populations of finite effects.

Chin, Jie, Bayesian approaches to simultaneous testing of multiple hypotheses.

Gagnon, Robert Charles, Experiments with unknown parameters in variance.

Li, Susan Xuemei, Further contributions to Fisher's and Sims' tests.

Pasles, Elise B., Mutually nearly orthogonal Latin squares and their applications.

University of Pittsburgh (8)

BIOSTATISTICS

Kelly, Mary E., Zero inflation in ordinal data: applications of a mixture model.

McHenry, Michael Brent, New estimation approaches in survival analysis with Aalen's additive risk model.

Ruppert, Kristine, Assessment of the use of biopsies collected as part of nonsystematic follow-up of liver transplant patients.

Shen, Changyu, Regression analysis in longitudinal studies with nonignorable missing outcomes.

Szatkiewicz, Jin Peng, Mapping genes for quantitative traits using selected samples of sibling pairs.

Wang, Jiping, Use of receiver operating characteristic curve in medical decision making.

Xu, Lei, Covariate adjustment partial least squares for the extraction of the spatial temporal pattern.

Ye, Yunrong, The correlated random parameters model for longitudinal binary response data with missing covariates.