

Journal of Interdisciplinary Mathematics

VOLUME 12 (2009), NUMBER 2, APRIL

Special Issue on

Interdisciplinary Research in Mathematical Sciences for Undergraduates

CONTENTS

M. BROOM, J. RYCHTÁŘ AND B. STADLER Evolutionary dynamics on small-order graphs	129–140
M. CHHETRI, N. JOHNSON, O. RUEPPELL AND J. RYCHTÁŘ Revisiting the variance-based selection model of diploid drone production for multiple mating in honey bees	141–160
M. CROWE, M. FITZGERALD, D. L. REMINGTON AND J. RYCHTÁŘ On deterministic and stochastic models of kleptoparasitism	161–180
S. GRUNDMAN, L. KOMÁRKOVÁ AND J. RYCHTÁŘ A Hawk-Dove game in finite kleptoparasitic populations	181–201
M. HANUŠ, M. BRANDNER AND R. KUŽEL Nodal methods for a two-dimensional static multigroup diffusion calculation of nuclear reactors with hexagonal assemblies	203–224
N. KSHETRI, B. QUEEN, A. SCHIOPU AND C. ELMORE The profile and motivation of golf tournament attendees: an empirical study	225–241
Š. PETŘÍČKOVÁ AND P. NEČESAL On the periodic motion of a generalized oscillator in two dimensions	243–260
K. SAMKOVÁ AND S. TOMICZKOVÁ Surfaces and their representation and approximation for technical applications	261–281

J. S. TATE, A. D. KELKAR AND V. A. KELKAR Minimizing scatter in load-controlled fatigue test data of textile polymer matrix composites using statistical techniques	283–292
M. BIZZARRI AND M. LÁVIČKA A note on the rational parameterization of algebraic curves in <i>Mathematica</i> [®]	293–317
J. BABOVÁKOVÁ AND P. NEČESAL On the periodic motion of one-dimensional oscillator between two elastic walls	319–330