APPLIED MATHEMATICAL SCIENCES

Online Edition, Vol. 2, 2008, no. 5-8

F.I. Dehayem Nodem, J. P. Kenne, A. Gharbi
Joint optimization of capacity expansion, production and maintenance in stochastic manufacturing systems
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 195-212.

P. Ruesga, A. Breda, J. M. Sigarreta, J. M. Rodriguez
Geometry and problem solving
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 213-221.

L. Longpre, V. Kreinovich, W. Gasarch, G. W. Walster
m solutions good, m-1 solutions better
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 223-239.

U. Akinc
A note on the linear programming sensitivity analysis of specification constraints in blending problems
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 241-248.

Han-Yu Lin, Yi-Shiung Yeh
A novel (t,n) threshold convertible authenticated encryption scheme
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 249-254.

Fang-Chuan Lee, Ue-Pyng Wen
A heuristic approach for solving serially distributed storage depots under power-of-two policy
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 255-274.

K. Honda, H. Ichihashi
Fuzzy local ICA for extracting independent components related to external criteria
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 275-291.

F. El Adnani, H. Talibi Alaoui
Attractiveness of a positive steady state in a population tumor growth model with quiescence
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 293-304.

Jianwen Chen
A multi-agent system formalization in mobile environments
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 305-332.

Zhiqiang Sun, Yongan Li, Haixia Yang, Lin Lin
A stage-structure predator-prey model with functional response
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 333-339.

E. Hizel, N. C. Turgay, B. Guldogan
Symmetry analysis of three dimensional time independent Schrodinger-Newton equation
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 341-351.

A. I. Kechriniotis, Y. A. Theodorou
New integral inequalities for n-time differentiable functions with applications for pdfs
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 353-362.

L. A. Gil-Alana
Testing the null hypothesis of no cointegration against seasonal fractional cointegration
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 363-379.

J. Naghipoor, S. A. Ahmadian, A. R. Soheili
An improved regula falsi method for finding simple zeros of nonlinear equations
Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 381-386.

A. Bennar, A. Bouamaine, A. Namir
Almost sure convergence and in quadratic mean of the gradient stochastic process for the sequential estimation of a conditional

Appl. Math. Sci., Vol. 2, 2008, no. 5-8, 387-395.