

Volume 215, Issue 9, 1 January 2010

3170

3201

3222

3280

3302

3311

3327

Contents

Abstracted/Indexed in: Applied Mechanics Reviews/Biological Abstracts/Cambridge Scientific Abstracts/Computing Reviews/INSPEC

Mathematical Reviews/Science Citation Index ExpandedTM/Web of Science SM/Sci Search®/CompuMath Citation Index®/

Current Content®-Engineering, Computing & Technology Edition/ISI Alerting Services SM. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®

Review Article

P.-E. Maingé and N. Merabet, A new inertial-type hybrid projection-proximal algorithm for monotone 3149 inclusions Research Articles

Z. Guo and A.Y.T. Leung, The iterative homotopy harmonic balance method for conservative Helmholtz-3163 **Duffing** oscillators

P. Maragatha Meenakshi, S. Valarmathi and J.J.H. Miller, Solving a partially singularly perturbed initial value problem on Shishkin meshes

K.P. Wilkie, C.S. Drapaca and S. Sivaloganathan, A theoretical study of the effect of intraventricular pulsations on the pathogenesis of hydrocephalus 3181

3192 S. Zheng, G. Dong and Q. Bi, A new hyperchaotic system and its synchronization

A. Shah, L. Yuan and A. Khan, Upwind compact finite difference scheme for time-accurate solution of the incompressible Navier-Stokes equations

S. Guo and Y. Zhou, The extended $\binom{G'}{G}$ -expansion method and its applications to the Whitham-Broer-3214 Kaup-Like equations and coupled Hirota-Satsuma KdV equations

A. Ahrari, M.R. Saadatmand, M. Shariat-Panahi and A.A. Atai, On the limitations of classical benchmark functions for evaluating robustness of evolutionary algorithms

M. Gámez, I. López, I. Szabó and Z. Varga, Verticum-type systems applied to ecological monitoring 3230

M. Yang, Two-time level ADI finite volume method for a class of second-order hyperbolic problems 3239 3249

Q. Lin and J.G. Rokne, Blending implicit interval curves and surfaces

3265 R. Naz, Group invariant solution for a free jet on a hemi-spherical shell 3271

G. Wu, D. Li, H. Xiao and Z. Liu, The M-band cardinal orthogonal scaling function H.-C. Wei, On the bifurcation analysis of a food web of four species

L.-J. Song and Y.-J. Wu, A modified Crank-Nicolson scheme with incremental unknowns for convection 3293 dominated diffusion equations

M.-H. Horng, A multilevel image thresholding using the honey bee mating optimization

M. El-Mikkawy and T. Sogabe, Notes on particular symmetric polynomials with applications

J. Ma, A.-H. Zhang, Y.-F. Xia and L.-P. Zhang, Optimize design of adaptive synchronization controllers and 3318 parameter observers in different hyperchaotic systems

B.I. Lima Lopes and A.C. Zambroni de Souza, A newton approach for long term stability studies in power systems

(Continued on last page)



Available online at www.sciencedirect.com





Auth

APPI

system and a

techn

natur

revie

Man

Upor

will e

Form

wide

The

2001

shee

Pleas

Figu

(45)

on

Elec

pro

inst

The pref

style site

Au

titk

prin

bei

Pro

Pil Ru PD

acti If y Els

arij by Ple