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1.

Integrated semi groups and the Cauchy problem for some nonlinear fractional differential equations

Mahmoud M. El-Borai and Khairia El-Said El-Nadi

Department of Mathematics, Cairo University, Egypt

Keywords: -integrated semi groups, nonlinear fractional differential equations, abstract Cauchy problem.

2.

Singular perturbation to reduce an epidemiological model

Meraihi Mouna, Rahmani Fouad Lazher

Department of Applied Mathematics, University of Tunis, Tunisia

Keywords: HIV/AIDS; epidemic model, slow and fast variabls.

3.

The effects of Age, Income, Sex, Residential status and Ethnicity on the prevalence of kidney stones in the patients visiting Nishter Hospital Multan

Mushtaq Hussain Lashari1 Asma Batool2, Zahida Tasawar2, Nuzhat Sial1, Muhammad Saleem Akhtar3, Mazhar Ayaz3, Abdul Asim Farooq3, Sobia Sadia2, Muhammad Shafiq Chaudhary1

Department of Sociology, University of Karachi, Pakistan

Keywords: Kidney stone, age sex, income, ethnicity

4.

Removal of aluminum ions in the water for continuous system by adsorption on fixed bed column with activated charcoal

Letícia Raquel de Oliveira, Moilton Ribeiro Franco Júnior

Department of Environmental Engineering, Federal University of São Paulo, Brazil

Keywords: aluminum removal, adsorption, activated charcoal

5.

“When does a steward become a nanny?” Metaphors in peri-urban housing in Zimbabwe

Innocent Chirisa

Department of Urban Planning, University of Zimbabwe, Zimbabwe

Keywords: sustainability, spatiality, care, policy, planning

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Aspergillus terrus proteases: characterization and applications

Mohamed Elsayed Osman, Omkolthoum Hassan Khattab and Yasmin Mohamed Elsaba

Department of Microbiology, University of Cairo, Egypt

Keywords: Aspergillus terrus, proteases, optimization, characterization, anticoagulant properties.

7.

Retrospective Analysis of Incidental Duodenal Diverticulum: CT and MRI findings. Original Research.

Melike Rusen Metin,Hasan Aydın,İdil Gunes Tatar,Oktay Algın,Ozlem Sarici,\n Mehmet Kilin,Baki Hekimoğlu.

Department of Radiology, Hacettepe University, Turkey

Keywords: Duodenum-diverticula-CT-MRI-Perforation-complications.

8.

Cubic structure of BG-subalgebras

Tapan Senapati,Monoranjan Bhowmik, Madhumangal Pal

Department of Mathematics, University of Calcutta, India

Keywords: BG-algebra, BG-subalgebra, cubic set, cubic BG-subalgebra

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9.

Ophthalmologic findings of the patients with alopecia

Ali Akal, Selma Bakar Dertlioglu, Tugba Goncu, Hacer Alt?n Surucu, Yavuz Yesilova, Enver Turan, Omer Faruk Yilmaz, Ufuk Ozkan, Emel Yigit Karakas, Turgay Ulas

Department of Ophthalmology, Gazi University, Turkey

Keywords: Alopesia areata, alopecia totalis, alopecia universalis, ophthalmologic findings, perivascular sheathing

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10.

GENOTYPING OF HEPATITIS C VIRUS ISOLATES FROM JAZAN REGION BY RT-PCR

SALEH A. EIFAN , ZAKI M. EISA , BASHEER A. AL-SUM

Department of Medical Microbiology, Jazan University, Saudi Arabia

Keywords: HEPATITIS C VIRUS, GENOTYPES, JAZAN REGION, RT-PCR.

11.

Hyers-Ulam Stability of Second-Order Linear Differential Equations with Boundary Conditions

Qusuay H. Alqifiary, Soon-Mo Jung

Department of Mathematics, Pohang University of Science and Technology, South Korea

Keywords: differential equation; Hyers-Ulam stability; linear differential equation; differential equation of second order.
