

TABLE OF CONTENTS, JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 9, 2011

TABLE OF CONTENTS, JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 9, NO. 1, 2011

Temporal and three dimensional spatial analysis of Earthquake activity between 1970 and 2010 along the North Anatolian fault zone, Turkey, Serkan Oztürk,.....9

Estimating the Nonlinear Behavior of Mitral Valve Doppler Signals, Fatma Latifoglu, Esmâ Uzunhisarcıklı, Türker Koza,.....17

Phase diagrams of an Ising System with Competing binary, prolonged ternary and next-nearest interactions on a Cayley Tree, Nasir Ganikhodjaev, Hasan Akın, Selman Uguz, Seyit Temir,.....26

Localization of unstable periodical solutions in chaotic systems, Dubrovskiy Alexey,.....35

Configuring Time-Lagged Recurrent Neural Network using Strange Attractor's Topological Properties, M.P. Haniyas, H.E. Nistazakis and G.S. Tombras,.....40

Strange attractor in the Potts model on a Cayley tree in the presence of competing interactions, N.N. GANIKHODJAEV,.....47

On Non-Associativity of Rhesus Factor Transmission, N.N. GANIKHODJAEV, M.D. USMANOVA,.....55

Fractal analysis of macroradiographic images: Legg-Calvé-Perthes disease, Nebojša T. Milošević, Dušan Marić,.....60

Predicting the Onset of Spontaneous Oscillations Using Impedance Method, Pototskaya V. V., Gichan O. I., Omel'chuk A.A.,.....68

TABLE OF CONTENTS, JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 9, NO. 2, 2011

Computing the approximate frequency for nonlinear oscillators with discontinuities by He's bookkeeping parameter method, Canan Köroğlu, Turgut Özis,.....	89
Self-Organized Criticality in Solar Physics and Astrophysics, Markus J. Aschwanden,.....	100
Applications and Lipschitz results of Approximation by Smooth Poisson-Cauchy Type Singular Integrals, George A. Anastassiou & Razvan A. Mezei,.....	112
Analysis of snore sounds by using the largest Lyapunov exponent, Derya Yılmaz, Haydar Ankişhan,	146
Chaotic analysis of penicillin induced epileptiform activity rats Sinan Canan, Derya Yılmaz,	154
A Simulation Study of a Simple Optoelectronic Chaotic Circuit, M.P. Haniyas, H.E. Nistazakis and G.S. Tombras,.....	163
Classes of Special Solutions of the Maxwell Bloch System and its Generalization, A. Hacınhyan et al,.....	168
Semi-analytical Solutions of Integral and Integro-differential Equations, Emine Mısırlı , Meryem Odabası,.....	175

TABLE OF CONTENTS, JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 9, NO. 3, 2011

Applied Chaos: Linearizing Multibit DS Converters for Telecom Applications, K. Papathanasiou et al,.....	197
Chaos Synchronization and its Application to Secure Communication, M.S. Papadopoulou et al ,.....	205
Strict stability criteria of unperturbed Systems with initial time difference, COSKUN YAKAR and MUSTAFA BAYRAM GÜCEN,.....	213
Boundedness and Lagrange Stability of Fractional Order Differential Equations in Caputo's Sense with Initial Time Difference, Coskun YAKAR and Muhammed ÇIİÇEK,.....	223
Monotone Technique in Terms of Two Monotone Functions in Finite System, Coskun YAKAR, Bircan BAL and Ali YAKAR,.....	233
Dynamical Analysis and Electronic Implementation of A New Chaotic Attractor, İhsan Pehlivan et al	240
Testing stability and robustness in three cryptographic chaotic systems, N.A. Anagnostopoulos et al,.....	247
Experimental In-Out Synchronization-Intermittency between two bidirectionally coupled circuits,I.M. Kyprianidis et al,.....	262
Spectral Analysis and Allan Variance Calculation in the case of Phase Noise, Georgakaki.D et al,.....	270

**TABLE OF CONTENTS, JOURNAL OF CONCRETE AND APPLICABLE
MATHEMATICS, VOL. 9, NO. 4, 2011**

Particles Flow on the Regular Polygon,
Alexander P. Buslaev , Alexander G. Tatashev,.....290

Notes on absolute summability factors, W. T. Sulaiman,.....304

Necessary and Sufficient Conditions for Inclusion Relations for
Absolute Summability of Infinite Series, W. T. Sulaiman,.....311

On A Characterization Of Absolute Summability Factors, W. T. Sulaiman,.....319

A Summability Factor Theorem For Absolute Summability Involving quasi
 β -Power Increasing Sequences, W. T. Sulaiman,.....328

Tail behavior for nonstationary moving averages
with random coefficients, Aliou Diop , Saliou Diouf,.....336

Relative controllability of perturbed infinite Neutral differential systems,
Davies Iyai,.....346