

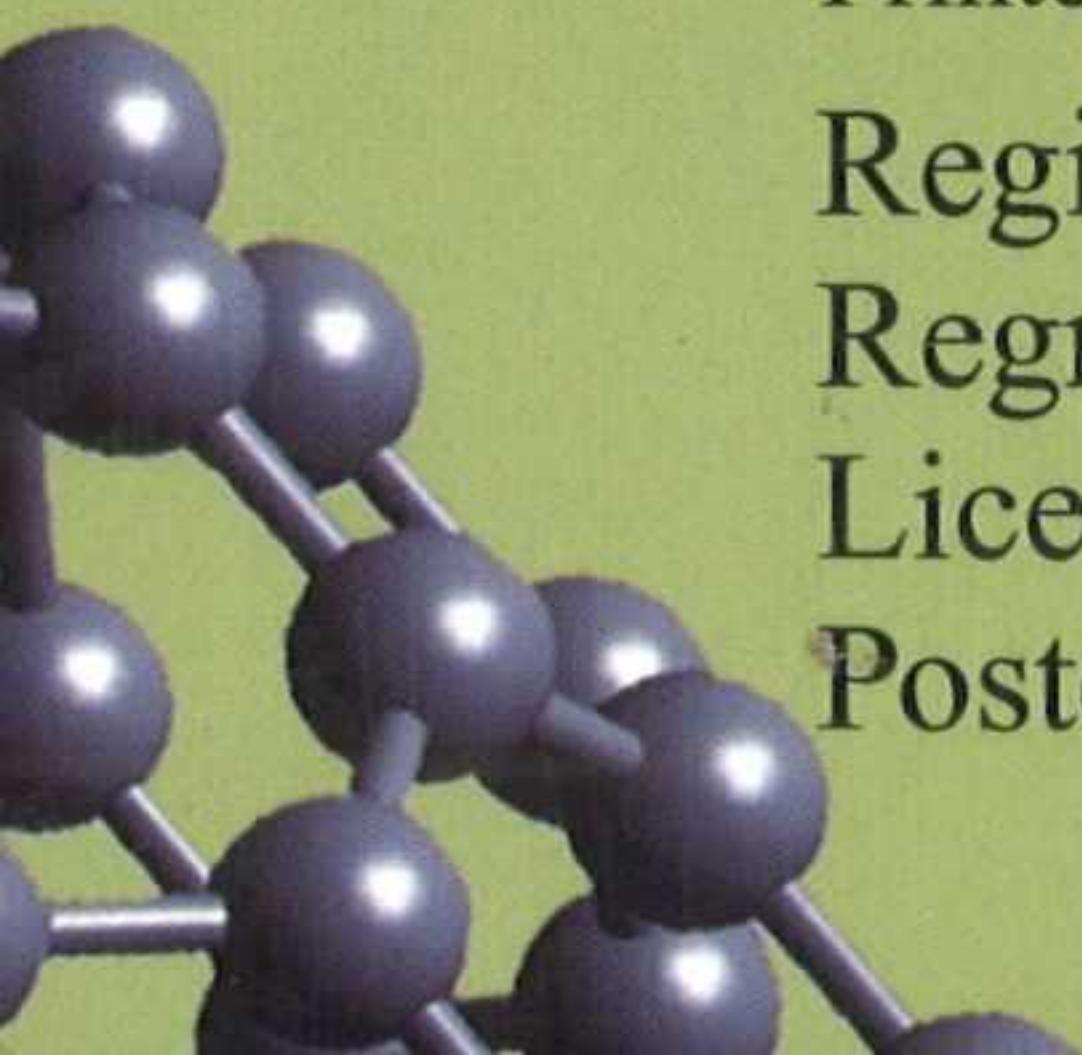
Article ID

Dynamics of rogue waves on multisoliton background in the Benjamin Ono equation	57
..... <i>Yun-Kai Liu and Biao Li</i>	
Recessed insulator and barrier AlGaN/GaN HEMT: A novel structure for improving DC and RF characteristics	58
..... <i>S M Razavi, S H Zahiri and S E Hosseini</i>	
Dependence of <i>in-situ</i> Bose condensate size on final frequency of RF-field in evaporative cooling ...	59
..... <i>S R Mishra, S P Ram, S K Tiwari and H S Rawat</i>	
Corrigendum: ‘Anomalous Kolar events revisited: Dark matter?’	60
..... <i>M V N Murthy and G Rajasekaran</i>	
The general class of Bianchi cosmological models with dark energy and variable Λ and G in viscous cosmology	61
..... <i>R Chaubey, A K Shukla and Rakesh Raushan</i>	
Hidden attractors without equilibrium and adaptive reduced-order function projective synchronization from hyperchaotic Rikitake system	62
..... <i>Yu Feng and Weiquan Pan</i>	
The hydrodynamic description of pseudorapidity distributions at lower energies at BNL-RHIC	63
..... <i>Zhi-Jin Jiang, Yan Huang, Hai-Li Zhang and Yu Zhang</i>	
Kac’s ring: The case of four colours	64
..... <i>Manan Jain</i>	
The anisotropic cosmological models in $f(R, T)$ gravity with $\Lambda(T)$	65
..... <i>R Chaubey and A K Shukla</i>	
Energy distributions of Bianchi type-VI _h Universe in general relativity and teleparallel gravity	66
..... <i>Seref Özkar and Sezgin Aygün</i>	
Multiwave solutions of time-fractional (2 + 1)-dimensional Nizhnik–Novikov–Veselov equations ...	67
..... <i>M S Osman</i>	
A new approach for cluster structures in ^{16}O and ^{20}Ne	68
..... <i>Niloufar Zoghi-Foumani, Mohammad Reza Shojaei and Ali Akbar Rajabi</i>	

(Continued on inside back cover)

Indexed in CURRENT CONTENTS ISSN 0304-4289
Edited and published by Amitabh Joshi
for the Indian Academy of Sciences, Bengaluru 560 080
Printed at Tholasi Prints India Pvt. Ltd., Bengaluru

Registered with Registrar of Newspapers in India, Vide Regn No. 24935/73
Regn. No. KRNA/BGE/337/2015–2017, published on 10/04/2017
Licensed to Post without prepayment No. 49
Posted at Bengaluru PSO, Mysore Road, Bengaluru 560026 16/04/2017



(Continued from back cover)

Solitary wave solution to a singularly perturbed generalized Gardner equation with nonlinear terms of any order	<i>J B Zhou, J Xu, J D Wei and X Q Yang</i>	69
A study of fractional Schrödinger equation composed of Jumarie fractional derivative	<i>Joydip Banerjee, Uttam Ghosh, Susmita Sarkar and Shantanu Das</i>	70
Terahertz radiation source using a high-power industrial electron linear accelerator.....	<i>Yashvir Kalkal and Vinit Kumar</i>	71
A new source of radiation in single-bubble sonoluminescence.....	<i>Morteza Pishbini and Rasoul Sadighi-Bonabi</i>	72
The relativistic bound states of a non-central potential.....	<i>Mahdi Eshghi, Hossein Mehraban and Sameer M Ikhdaire</i>	73