

Article ID

Rope coiling.....	Sitichoke Amnuanpol	69
Solving the two-dimensional Schrödinger equation using basis truncation: A hands-on review and a controversial case.....Ihab H Naeim, J Batle and S Abdalla		70
Photodetachment cross-section of H^- ion in a three-dimensional cubical microcavity.....De-Hua Wang, Pang-Zhi Huan, Ke-Zheng Zhuang, Yu-Feng Li and Lei Xie		71
A nonstandard numerical method for the modified KdV equation.....Ayhan Aydin and Canan Koroglu		72
The phenomenon of tristable stochastic resonance driven by α -noise.....Yulei Liu, Jun Liang, Shang-Bin Jiao, Nan Xiao and Zhenhao Zhang		73
Symmetry energy of the nucleus in the relativistic Thomas–Fermi approach with density-dependent parameters.....S Haddad		74
Rapid Communication:		
$\Delta\nu = 2$ seniority changing transitions in yrast 3^- states and $B(E3)$ systematics of Sn isotopes.....Bhoomika Maheshwari, Swati Garg and Ashok Kumar Jain		75
Dynamical regimes and intracavity propagation delay in external cavity semiconductor diode lasers.....E Jayaprasath and S Sivaprakasam		76
Emergence and space–time structure of lump solution to the (2+1)-dimensional generalized KP equation.....Wei Tan, Houping Dai, Zhengde Dai and Wenyong Zhong		77
The observer-based synchronization and parameter estimation of a class of chaotic system via a single output.....Haipeng Su, Runzi Luo and Yanhui Zeng		78
Energy levels and radiative rates for Ne-like ions from Cu to Ga.....Narendra Singh and Sunny Aggarwal		79

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 10/11/2017
 Licensed to Post without prepayment No. 49
 Posted at Bengaluru PSO, Mysore Road, Bengaluru 560026 16/11/2017