

Indian Journal of Pure & Applied Physics

<http://www.niscair.res.in>; <http://nopr.niscair.res.in>; Impact Factor: 0.739 (JCR 2015)

VOLUME 55

NUMBER 4

APRIL 2017

CODEN : IJOPAU 55(4) 241-308

ISSN : 0019-5596 (print); 0975-1041 (Online)

CONTENTS

<i>Papers</i>	
Low voltage high bandwidth self-biased high swing cascode current mirror Nikhil Raj, Ashutosh Kumar Singh & Anil Kumar Gupta	245
Compact quadrature oscillator with voltage and current outputs using only single VDTA and grounded capacitors Worapong Tangsrirat	254
Levitation force analysis of ring and disk shaped permanent magnet-high temperature superconductor Sinan Basaran & Selim Sivrioglu	261
Optical parameter measurements of a <i>nO.m</i> liquid crystalline compound Kiranmala Thingujam, Ayon Bhattacharjee, Basana Choudhury & Parmeshwara Rao Alapati	269
Dual solution of unsteady separated stagnation-point flow in a nanofluid with suction: A finite element analysis Rajesh Sharma, Anuar Ishak & Ioan Pop	275
Thermodynamic study of nanometals for different shapes and size Neha Arora & Deepika P Joshi	284
Analysis of volume dependence of thermal expansivity for NaCl Sanjay Kumar, S K Sharma & O P Pandey	293
Acoustic and refractometric study of binary mixtures of 1-Propanol + Benzonitrile at 313 K A N Prajapati	297