

# SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS

VOLUME 14, NO. 4

2007

## TABLE OF CONTENTS

<b>Circular Crested Waves in a Microstretch Elastic Plate</b> Rajneesh Kumar and Geeta Partap	251
<b>The Effect of Varying the In-plane Loads and Stacking Sequence on the Vibration Analysis of Composite Stiffened Plates</b> Sung.-Cheon Han, Samuel Choi and Weon-Tae Park	271
<b>Nondestructive Evaluation of RC Structures Strengthened with FRP Laminates Containing Near-Surface Defects in the Form of Delaminations</b> Mahmut Ekenel and John J. Myers	299
<b>A Variational Formulation and Analysis of Polar Orthotropic Circular Plates Using an Energy Principle, Part I: Thin Plates</b> Halil Ozer	317
<b>Processing and Performance of Porous SiO<sub>2</sub>/SiO<sub>2</sub> Composites</b> Guifang Han, Litong Zhang and Laifei Cheng	329

---

© 2007 FREUND PUBLISHING HOUSE LTD.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval systems or transmitted in any form or by any means, electronic or mechanical including photocopying, recording or otherwise, without written permission from the publisher