

CONTENTS

Page

REVIEW ARTICLE :

BIOPHYSICS

G. N. Ramachandran: Aspects of peptide conformation .. 375

ORIGINAL PAPER :

COMMUNICATION ENGINEERING

M. R. Chidambara and A. P. Shivaprasad: A digital Kalman filter for radar tracking with filter gains independent of sampling interval .. 409

CHEMICAL ENGINEERING

M. Chunda, T. A. Krishnan and A. K. A. Rathi: Kinetics of resinification of furfuryl alcohol in acidic buffer solutions .. 422

APPLIED MECHANICS

S. K. Bhattacharyya: Stress system in a rotating anisotropic shaft in finite strain and its numerical study .. 436

CALENDAR OF EVENTS

.. 441

FORTHCOMING PAPERS:

M. A. Viswamitra, A. M. Shaikh and K. Jayalakshmi Ramanuja: High Temperature X-ray Crystallography; Devices for single crystal

M. Nayak: The influence of end friction on elastic parameters obtained in triaxial tests

V. S. Vaidyanathan: Certain concepts of biological membrane transport

E. Hussain, M. R. Nandagopal and B. R. Prabhakar; Effect of humidity on breakdown voltages of gaps and insulators