

CONTENTS

ORIGINAL PAPERS	Page
<i>Analytical Chemistry</i>	
SPECTROPHOTOMETRIC DETERMINATION OF PALLADIUM WITH 1, 5-DIPHENYLCARBAZONE IN AQUEOUS AND ORGANIC MEDIA <i>J. R. Mudakavi and T. V. Ramakrishna</i>	151
<i>Applied Mechanics</i>	
DIFFRACTION BY A STRIP UNDER MIXED BOUNDARY CONDITIONS <i>Alok Nath Chakrabarti</i>	163
<i>Fluid Dynamics</i>	
IMBIBITION IN THE FLOW OF TWO IMMISCIBLE LIQUIDS THROUGH POROUS MEDIA DUE TO DIFFERENTIAL WETTABILITY <i>Prem Hari Sharma</i>	177
SHORT COMMUNICATIONS	
<i>Plasma Physics</i>	
RF INJECTION FOR REFUELING AND IMPURITY CONTROL OF FUSION REACTORS <i>R. Jones</i>	187
<i>Analytical Chemistry</i>	
SPECTROPHOTOMETRIC DETERMINATION OF CERIUM(IV) WITH SOLO CHROME BLACK 6B <i>V. Krishna Reddy and D. Venkata Reddy</i>	191
SUBSTITUTED PYRIMIDINETHIOLS AS SPECTROPHOTOMETRIC REAGENTS FOR OSMIUM <i>Promila Jain, Mohan Katyal and R. P. Singh</i>	195
REVIEW PAPERS	
<i>Photochemistry</i>	
HIGHLIGHTS OF ORGANIC PHOTOCHEMISTRY—1978 <i>V. Ramamurthy</i>	199
<i>Organic Chemistry</i>	
SYNTHESIS OF OPTICALLY ACTIVE STEROIDS—ACHIEVEMENTS AND ASPIRATIONS <i>A. Sarkar, V. Purushotham and T. R. Kasturi</i>	233
BOOK REVIEWS	249
ERRATA	255
INDEX—SECTION B	257