

CONTENTS

ORIGINAL PAPER

Page

Numerical Analysis

ASYMPTOTIC RATES OF CONVERGENCE FOR THE SYMMETRIC SUCCESSIVE OVERRELAXATION (SSOR) ITERATIVE METHOD BY MEANS OF AN ASSOCIATED EIGENVALUE PROBLEM

Lala B. Krishna 181

SHORT COMMUNICATIONS

Analytical Chemistry

POTENTIOMETRIC TITRATION METHOD FOR STANDARDISING AQUEOUS SULFIDE SOLUTION

R. Sarin 197

DETERMINATION OF MANGANESE IN WATER AT PARTS PER BILLION LEVELS BY ATOMIC ABSORPTION SPECTROPHOTOMETRY

M. Z. Hasan 203

SPECTROPHOTOMETRIC DETERMINATION OF VANADIUM(V) USING GALLACETOPHENONE OXIME

P. Nageswara Rao and K. Adinarayana Reddy 209

PHOTOMETRIC DETERMINATION OF PHOSPHATE USING METAL OXIMATES—AN INDIRECT METHOD

V. Krishna Reddy and D. Venkata Reddy 211

Chemical Equilibrium

SOLVENT AND SUBSTITUENT EFFECTS IN THE FORMATION OF SCHIFF BASES

K. Sivarama Prasad and M. C. Chowdary 217

Heat Transfer

COMPLEMENTARY VARIATIONAL PRINCIPLES FOR CONVECTION OF HEAT

M. A. Gopalan 221

BOOK REVIEWS

227

INDEX

239