

CONTENTS

ORIGINAL PAPERS

*Surface Waves*

SCATTERING OF SURFACE WAVES BY A SUBMERGED FIXED VERTICAL PLATE IN WATER OF FINITE DEPTH

S. K. Goswami

*Shock Waves*

SPHERICAL SHOCK DUE TO POINT EXPLOSION WITH VARYING ENERGY

J. B. Singh and S. K. Srivastava

SHORT COMMUNICATIONS

*Special Functions*

GROUP THEORETIC STUDY OF CERTAIN GENERALISED FUNCTIONS OF JACOBI POLYNOMIAL

Asit Baran Chakrabarti

*Computer Algorithm*

2 × 2 MATRIX-MULTIPLICATION REVISITED

A. Mukhopadhyay

*Fluid Mechanics*

BOUNDS ON THE FLOW RATE FOR PIPE FLOW

M. A. Gopalan

*Physical Properties of Fluids*

TRANSPORT PROPERTIES OF ARGON AND KRYPTON ACCORDING TO L-J (12-6) POTENTIAL IN THE TEMPERATURE RANGE 90-270 K

P. C. Jain

*Analytical Chemistry*

TITRIMETRIC DETERMINATION OF SULPHATE IN NATURAL WATERS USING LEAD ION-SELECTIVE ELECTRODE DETECTOR

R. Sarin

ELIMINATION OF SODIUM INTERFERENCE IN FLAMELESS ATOMIC ABSORPTION SPECTROPHOTOMETRIC DETERMINATION OF LEAD IN POTABLE WATER BY MATRIX MODIFICATION

M. Z. Hasan and Animesh Kumar

SPECTROPHOTOMETRIC DETERMINATION OF VANADIUM(V) WITH SALICYLALDEHYDE THIOSEMICARBAZONE

N. Subba Rami Reddy and D. Venkata Reddy

*Inorganic Chemistry*

TRIDENTATE SCHIFF BASE COMPLEXES OF SOME BIVALENT METAL IONS

Praveen Mathur and R. K. Mehta

REVIEW PAPER

*Inorganic Chemistry*

CONTRIBUTIONS TO THE CHEMISTRY OF PHOSPHAZENES—II

S. S. Krishnamurthy and M. Woods

BOOK REVIEWS