Journal of the Indian Institute of Science, Bangalore 560 012, India [Section B: Physical and Chemical Sciences] February 1983 Number ] Volume 64 CONTENTS ORIGINAL PAPERS Page P. R. Sharma and R. C. Chaudhary THE EFFECT OF LINEAR INERTIA ON THE SQUEEZE FILM ACTION BETWEEN A CURVED CIRCULAR PLATE AND A FLAT PLATE M. V. Bhat, J. L. Gupta and K. H. Vora Speech Pathology

LINGUISTIC DISTRIBUTION OF STUTTERING AND STUTTERING TYPES

Fluid Mechanics

SECOND ORDER FLUID FLOW BETWEEN TWO ROTATING POROUS DISCS OF MODERATE ROTATION

Lubrication Theory

M. Jayaram K

## SHORT COMMUNICATIONS

Topology

LOCAL CONNECTEDNESS IN BITOPOLOGICAL SPACES

H. Dasgupta and B. K. Lahiri 3

Physical Chemistry

APPARENT MOLAR VOLUME OF ALKALI METAL FORMATES IN FORMIC ACID-WATER MIXTURES

K. Chowdoji Rao and S. Brahmaji Rao 4

COMPLEXES OF Cu(II), Ni(II) AND Pd(II) WITH RESACETOPHENONE PHENYL-HYDRAZONE

S. Srihari and N. Appala Raju 4

Analytical Chemistry

POTENTIOMETRIC METHOD FOR THE DETERMINATION OF NITRATE IN ILL-CHARACTER-ISED WATER •

R. Sarin and S. P. Pande

SPECTROPHOTOMETRIC WITH IODIDE AND DETERMINATION OF PLATINUM RHODAMINE B

J. R. Mudakavi and T. V. Ramakrishna

**BOOK REVIEWS**