tournal	of	the	Indian	Institute	of	Science,	Bangalore	560 012,	India
304									

(Section B: Physical and Chemical Science	Section	on B: I	Physical	and	Chemical	Sciences
---	---------	---------	----------	-----	----------	----------

:	ume	62
Vol	ите	UJ

February 1981

Number 2

CONTENTS

SHORT C	COMMUNIC	CATIONS
---------	----------	---------

Plasma Physics

STATIONARY PLASMA DOUBLE LAYERS SUSTAINED BY DIFFERENTIAL VACUUM PUMPING

R. Jones

Chemical Physics

DISSOCIATION ENERGY OF THE BIF MOLECULE

T. V. Ramakrishna Rao, R. Ramakrishna Reddy and P. Sambasiva Rao

Analytica Chemistry

SELECTIVE SPECTROPHOTOMETRIC DETERMINATION OF MICRO AMOUNTS OF PALLA-Bani Roy, R. P. Singh and A. K. Singh DIUM AND OSMIUM

13

SPECTROPHOTOMETRIC DETERMINATION OF RHODIUM (III) WITH 2-[DI-(2-PYRIDYL) METHYLIDENEHYDRAZINO]-QUINOLINE

R. B. Singh, Y. P. S. Tomar, P. Jain and B. S. Garg 21

Elasticity

On a generalised orthogonality relation and its use in the problem of elasti-Baidyanath Patra CITY OF A TRUNCATED CYLINDRICAL WEDGE

25

REVIEW PAPERS

Atmospheric Physics

A SURVEY AND ASSESSMENT OF THE DESIGN AND EVALUATION TECHNIQUES OF CUMULUS CLOUDMODIFICATION EXPERIMENTS FOR RAIN ENHANCEMENT 35 P. N. Sharma

1 54 C

Organic Chemistry

HOMOGENEOUS HYDROGENATIONS USING PENTACYANOCOBALTATE(II) ANION 73 G. S. R. Subba Rao, R. R. Iyengar and R. Sivaramakrishnan

BOOK REVIEWS 95