

CONTENTS

Page

ORIGINAL PAPERS :

FLUID MECHANICS

- S. H. Alvi, K. Sridharan and N. S. Lakshmana Rao* : Nozzle flows at low and moderate Reynolds numbers .. 169

CONTROL SYSTEM

- M. R. Chidambara and T. V. Vadhaja* : Transfer function approach to Pole-placement .. 185
- J. S. Ansari* : A generalized Lurie's problem .. 193

SHORT COMMUNICATION :

SOLID MECHANICS VIBRATION ENGINEERING

- S. K. Mitti* : A note on elastic impact time determination .. 200

BOOK REVIEW :

- Rao (B. S.)* : Ed. Electronics Activities of Department of Space—A Profile, Pp. 325 -- xvii, Department of Space, ISRO, Bangalore, 1976. Reviewed by *B. S. Sonde*, .. 210

- CALENDAR OF EVENTS** .. 212
-

FORTHCOMING PAPERS :

- S. S. Chari* : Status of carbon fibres development.
- Sohan Ghosh and P. K. Deshpande* : Catalytic dehydrochlorination of 1, 2-dichloroethane to vinyl chloride.
- Arava Joshi, K. H. Sreedhara Swamy and R. Ramananda Rao* : Labilization of rat liver lysomes by 2-phenethyl alcohol.