

## CONTENTS

|   | <i>Page</i> |
|---|-------------|
| <b>ORIGINAL PAPERS :</b>  |             |
| AUTOMATION.   |             |
| B. V. Dasarathy : A New Non-Parametric Feature Selection Criterion—<br>‘Effect’   | .. 1        |
| <b>CHEMICAL PHYSICS</b>   |             |
| R. Kumari Cowsik, T. Ramasubba Reddy and R. Srinivasan : An ESR<br>Study of Covalent Binding in Copper Diethyldiselenocarbamate                           | .. 10       |
| <b>REVIEW ARTICLE :</b>   |             |
| EARTH SCIENCES  |             |
| V. S. Venkatasubramanian and R. Narayanaswamy : Studies in Rb-Sr<br>Geochronology and Trace Element Geochemistry in Granitoids of<br>Mysore Craton, India | .. 19       |
| <b>SHORT COMMUNICATION:</b>   |             |
| INSTRUMENTATION   |             |
| B. S. Ramaprasad : A Simple Differential Micrometer Head  | .. 43       |
| <b>BOOK REVIEW :</b>  |             |
| JOHNSON (Gregory. F.): Transistor-Circuit Experiments, A Laboratory<br>Manual. 71. Tata McGraw-Hill, Bombay, 1973, reviewed by<br>B. R. Prabhakar         | .. 47       |
| <b>CALENDAR OF EVENTS</b>   | .. 48       |

---

## FORTHCOMING PAPERS

- V. V. Subba Rao : Studies on the Properties of Homogeneous Sand Mixes.
- R. Hariharan and S. N. Rao : System Identification from Step Response.
- Miss Glory John and S. K. Chatterjee : Effects of Environment on the Surface wave-Characteristics of a Dielectric-Coated Conductor.
- Mrs. R. Chatterjee : Electro-Magnetic Boundary Value Problem of the Dielectric-Coated Conducting Sphere excited by Delta-Function Electric and Magnetic Sources.
- M. R. Chidambara and N. Viswanadhan : Some New Applications of the Solution of  $AX + XB = -Q$ .