CONTENTS

Is There a Science of Instrumentation?: E. U. Condon .......... 339
Operational Aspects of Instrument Design: Churchill Eisenhart .......... 343

Reports of Meetings
The Fourth Annual Conference and Exhibit of the Instrument Society of America; Fourth Conference on Low Temperature Calorimetry; Symposia on Conformal Mapping and the Monte Carlo Method; International Conference on Instruments and Measurements .......... 347

Summaries of Selected Papers

From the 1949 Gordon Research Conferences: X-Ray Powder Diffraction Analysis Film and Geiger Counter Techniques; Two Radioactive Methods for Studying Certain Gas-Metal Reactions; Instrumental Methods of Studying Some Properties of Aerosols; A Contact Modulated Amplifier and Some of Its Laboratory Uses .......... 368

Technical Papers
Improvements in the Making of Special Photographic Emulsions for Nuclear Physics: Pierre Demers .......... 380
Sensitivity of Gamma-Ray Counters: Gerald J. Hine .......... 380

News and Notes .......... 384