CONTENTS

S. G. KAUFMANN, F. S. KIRN, AND W. B. LOEWENSTEIN. Fission and Activation Ratios in EBR	193
ARTHUR H. JAFFEY. Long Term Variation in Composition and Neutron Yield in Pile Plutonium	204
MARK T. ROBINSON AND JOSEPH F. KRAUSE. The Yields of the Chemical Elements in Thermal Neutron Fission of U-235	216
Edward Fisher. The Streaming of Neutrons in Shields	222
R. A. DeBortoli, R. E. Grimble, and J. E. Zerbe. Average and Local Heat Transfer for Cross Flow Through a Tube Bank	239
LETTER TO THE EDITORS	
ROBERT W. DEUTSCH. Temperature Dependence of the Thermal Diffusion Length in Water	252

Published bimonthly by Academic Press Inc., 125 East 23 Street, New York 10, N. Y.

Volume 1, 1956 (6 issues), \$10.00. Single issues, \$2.00.

Subscription orders should be sent to the publishers.

Please notify publishers of change of address two months in advance and indicate old and new address.

Application for entry as second-class matter is pending.