

SLOW NEUTRON SCATTERING AND THERMALIZATION

With Reactor Applications

**DR. E. PARKS
D. R. BEYSTER**

**DR. S. NEUKING
M. F. WERNER**

United States Atomic Energy Commission



W. A. BENJAMIN, INC.
New York 1963

Slow Neutron Scattering And Thermalization With Reactor Applications

Andre Larose

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Slow Neutron Scattering And Thermalization With Reactor Applications:

Slow Neutron Scattering and Thermalization, with Reactor Applications Donald E. Parks, 1970 **Scattering of Thermal Neutrons** Andre Larose, 2012-12-06 Solid state physicists have long appreciated the usefulness of thermal neutron scattering in the investigation of condensed matter This technique was first made possible by the advent of the nuclear reactor and has since then undergone many refinements The developments in this field of research have we felt necessitated the making of a comprehensive compilation of the published thermal neutron papers The large number of titles collected in this book as well as their diversity and their yearly distribution reflects the continued contribution of the neutron probe to our understanding of physical systems This bibliography is an updated and improved version of the one first published by us in March of 1973 under a similar title Many of the omissions and inconsistencies of the first edition such as occurred for example in the initialing of authors names have been corrected The literature search has been carried back to 1932 the year when the existence of the neutron was experimentally confirmed Several additional journals have also been searched and brought up to date together with those listed in our first publication The number of entries is now 8543 an increase of 65 per cent relative to the first edition **Technical Books & Monographs Sponsored by the U.S. Atomic Energy Commission** U.S. Atomic Energy Commission, 1962 **Technical Books and Monographs Sponsored by the U.S. Atomic Energy Commission** U.S. Atomic Energy Commission, 1976 **Technical Books & Monographs** United States. Energy Research and Development Administration, 1965 **Technical Books and Monographs** United States. Energy Research and Development Administration, 1976 Nuclear Science Abstracts , 1976 **Technical Books & Monographs** United States. Department of Energy, Nuclear Science Abstracts , 1973 **List** , 1948

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