

# Quasielastic Neutron Scattering for the Investigation of Diffusive Motions in Solids and Liquids

By Professor Dr.  
**Tasso Springer**,  
Institut für  
Festkörperforschung  
der Kernforschungs-  
anlage Jülich

With 36 figures. II, 100 pages. 1972  
(Springer Tracts in Modern Physics/  
Ergebnisse der exakten Naturwissen-  
schaften, Vol. 64)  
Cloth DM 38,—

## Contents:

Scattering Theory. — Methodical and  
Experimental Aspects. — Monoatomic  
Liquids with Continuous Diffusion. —  
Jump Diffusion in Liquids. — Diffusion of  
Hydrogen in Metals. — Rotational  
Diffusion in Molecular Solids. —  
Molecular Liquids. — Polymeres and  
Other Complicated Systems. — Effects  
of Coherent Scattering. — Quasielastic  
Scattering and Other Methods.



Springer-Verlag  
Berlin  
Heidelberg  
New York  
London München Paris  
Sydney Tokyo Wien

## SPRINGER TRACTS IN MODERN PHYSICS

occupy an intermediate position some-  
where between a journal and a progress  
report. It is the object of this series  
to provide concise accounts of new  
developments in all areas of physics.