

CONTENTS

Mechanisms for the Dynamics of Phase Transformations	1
K. Binder	
Neutron Scattering at High Pressure	39
D. Bloch and J. Voiron	
Band Structure Effects in the Electronic Properties of Solids Accessible in Neutron Scattering Studies	63
J.F. Cooke, J.A. Blackman and T. Morgan	
Study of Localised Electronic Excitations by Neutron Scattering	85
R.J. Elliott	
Dynamic Properties of Quantum Solids and Fluids	95
H.R. Glyde	
Dynamical Properties of Classical Liquids and Liquid Mixtures	139
G. Jacucci, M. Ronchetti and W. Schirmacher	
Magnetic excitations in Insulators and Metals	163
Per-Anker Lindgård	
Vibrational and Transport Properties of Molecular Solids	195
K.H. Michel	
Convective Instabilities in Liquid Crystals Observed by Neutron Scattering	227
T. Riste and K. Otnes	

Neutron Scattering as a Probe of Magnetic Superconductors and Intermediate Valence Compounds	249
S.K. Sinha	
Uses of Resonance Scattered Neutrons	277
G.T. Trammell	
Inelastic Neutron Scattering from Lattices, Molecular Crystals and Powders	289
M. Warner and J.M.F. Gunn	
Index	327