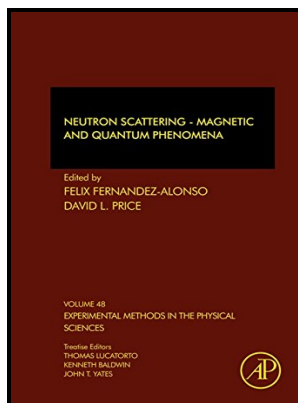


Study of condensed matter by deep inelastic neutron scattering

typescript - About Neutrons



Description: -

-study of condensed matter by deep inelastic neutron scattering

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Notes: Thesis (Ph.D.) - University of Warwick, 1993.

This edition was published in 1993



Filesize: 6.104 MB

Tags: #Inelastic #neutron #scattering

Phys. Rev. B 102, 024113 (2020)

Searching for just a few words should be enough to get started. Information about registration may be found.

Phys. Rev. B 102, 224406 (2020)

A recent hypothesis, based on the possibility of fast environment-induced decoherence effects in the scattering process, is reported in detail and carefully analyzed, pointing out some incorrect assumptions which can invalidate the model. Static and dynamic properties of nano-confined water in room-temperature ionic liquids.

Neutron

Proton dynamics of two-dimensional oxalate-bridged coordination polymers. The master equation is reformulated in terms of coherent and incoherent scattering functions, which in turn are expressed in terms of density correlation functions.

Phys. Rev. B 102, 024113 (2020)

It is shown that these deviations are small enough to be treated by a straightforward correction procedure.

Quasi

Journal of Physics and Chemistry of Solids 2013, 74 5 , 784-788. The neutrons emerging from these sources have very high energies, and are therefore moderated to have useful energy ranges.

The study of condensed matter by deep inelastic neutron scattering

It is written in a pedagogical style, and includes many examples and exercises.

Principles of Neutron Scattering from Condensed Matter

Boothroyd, Professor of Physics and Fellow of Oriel College, University of Oxford Andrew T.

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