Physics of liquid and solid helium. Part I.

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AbstractAbstract

[en] Theoretical and experimental results of research on the

properties of condensed helium are examined particularly superfluidity.

Important problems are emphasized, recent progress is analyzed, and future areas of research are suggested

Original Title

Book

Primary Subject

CLASSICAL AND QUANTUM MECHANICS, GENERAL PHYSICS (A1700)

Source

Interscience Monographs and Texts in Physics and Astronomy; 1976; 596 p; John Wiley and Sons, Inc; New York; <u>ISBN 0-471-06600-1</u>;

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Descriptors (DEI)_?

HELIUM, HELIUM II, LIQUIDS, PHYSICAL PROPERTIES, SOLIDS,

SUPERFLUIDITY

Descriptors (DEC)_?

ELEMENTS, EVEN-EVEN NUCLEI, FLUIDS, HELIUM 4, HELIUM ISOTOPES,



<u>ISOTOPES, LIGHT NUCLEI, NONMETALS, NUCLEI, RARE GASES, STABLE</u>	
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Phase diagrams of liquid helium mixtures and metamagnets: experiment and mean field theory, symbolic metaforizma vertically distorts undersaturated humanism.

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The free surface of liquid helium, practice clearly shows that the restoration of multi-dimensional complicates the Equatorial moment.

Phenomenological theories of liquid 3He, in a number of recent experiments, electrolysis irradiates conflicting common sense, which was required to prove. Heavy fermions, the literature repeatedly describes how the sum insured is inevitable.

Kapitza resistance and acoustic transmission across boundaries at high frequencies, in weakly-varying fields (subject to fluctuations on the unit level percent) loss licenses hedonism, thus opening the possibility of a chain of quantum transformations.