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Physics Solid State Physics

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Solid-state physics - Wikipedia

Solid-state physics refers to that branch of physics that deals with the study of solid matter that is rigid. It is done through an assortment of techniques including quantum mechanics, electromagnetism, metallurgy, and crystallography and structures the theoretical foundation of materials science.

Solid State Physics - Meaning, History, Functions and ...

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Solid state physics is, in its broadest sense, quite simply the study of solids. Solid State physicists study magnetic, electric, and structural properties as well as other aspects of solids. In recent years, the field of solid state physics is often combined with the study of liquids under the broader heading, condensed matter physics.

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noun. (functioning as singular) the branch of physics concerned with experimental and theoretical investigations of the properties of solids, such as superconductivity, photoconductivity, and ferromagnetism.

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