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*J. Grindlay*

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An Introduction to the Phenomenological Theory of Ferroelectricity covers topics about the basis and derivation of the macroscopic or phenomenological theory of the elastic, dielectric and thermal properties of crystals as applied in the field of ferroelectricity.

The monograph discusses the elastic, dielectric, and thermal properties of ferroelectric crystals; the standard linear time-dependent electroelastic theory; the non-linear static properties of an elastic dielectric on a variational principle; and the phenomenological theory of the static thermal, elastic, and dielectric properties of a homogeneous material.

The book also describes the theory of the static non-linear behavior of an elastic dielectric as well as the phenomenological models for ferroelectricity. Students taking physics courses and practicing physicists will find the book invaluable.

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