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Nota di contenuto	Early applications of extended irreversible thermodynamics -- Extended thermodynamics — past, present, future -- An approach to extended irreversible thermodynamics I : Macroscopic aspects -- An approach to extended irreversible thermodynamics II. Fluctuation theory -- An approach to extended irreversible thermodynamics III. Nonequilibrium equations of state and comparison with generalized hydrodynamics -- Extended irreversible thermodynamics and chemical kinetics -- Non-stationary relativistic thermodynamics and some cosmological problems -- Generalized Gibbs equations in irreversible thermodynamics -- Nonequilibrium thermodynamics: A hidden variable approach -- Fluctuations around equilibrium -- Theories of fluctuations in nonequilibrium systems -- Microscopic approaches to nonlinear hydrodynamics -- Unified theory of internal and external

fluctuations -- Dynamics of nonequilibrium transitions -- Noise in electrical systems -- Fundamental remarks on evaluating dissipation inequalities -- On classical nonequilibrium thermodynamics and its extensions -- On extended Onsagerian thermodynamics -- Relativistic generalized hydrodynamics -- Variational principles in extended irreversible thermodynamics. Application to heat and mass transfer -- Extended thermodynamics of dense gases -- Steady states resulting from coupled chemical oscillators -- Fluctuations in non-linear viscoelastic systems -- Viscoelastic models for brownian motion in fluids with spin -- Correlation functions of processes driven by external colored noise -- A non-renormalized and a renormalized description of the Fokker-Planck dynamics -- The equation which governs irreversibility in continuum mechanics -- Nonequilibrium statistical mechanics of dilute relativistic plasmas.

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