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Nota di contenuto	Chiral effective Lagrangians -- The spins inside the proton and chiral symmetry breaking -- Light-cone quantization of quantum chromodynamics -- Conceptual and geometrical problems in quantum gravity -- Two-dimensional gravities and supergravities as integrable systems -- Recent developments in relativistic thermal field theories -- Nonexistence of scattering theory at finite temperature.
Sommario/riassunto	The contributions presented in this volume address graduate students as well as researchers. They are intelligible and pedagogically well-written reviews of the most recent developments in quantum field theory and both quantum gravity and quantum supergravity. Alongside technical problems of field quantization the reader will also find careful discussions of the conceptual framework and of applications to quantum cosmology.