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Collana	Lecture notes in mathematics (Springer-Verlag) ; ; 1251
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Nota di contenuto	The automorphism group of a hermitian superalgebra -- Le principe de trialite, le principe d'interaction et les algebres de Lie graduees orthosymplectiques -- Graded manifolds and pairs -- Mathematics for classical supergravities -- Lagrangian gauge theories on supermanifolds -- Supergauge theories in graded manifolds -- Variational berezinian problems and their relationship with graded variational problems -- Cosmology and Kaluza-Klein theories -- Strings: From hadron dual models to gravity, unification and the structure of space-time -- The dirac & Levy-Leblond equations and geometric quantization -- Poincaré gauge theory of gravitation: Foundations, exact solutions and computer algebra -- Systems of vector valued forms on a fibred manifold and applications to gauge theories -- Essential extensions of some infinite dimensional lie algebras -- Sur certaines expressions globales d'une forme volume.
Sommario/riassunto	The focal topic of the 14th International Conference on Differential Geometric Methods was that of mathematical problems in classical field theory and the emphasis of the resulting proceedings volume is on superfield theory and related topics, and classical and quantized fields.