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Sommario/riassunto	This volume presents the following topics: non-Abelian Toda models, brief remarks for physicists on equivariant cohomology and the Duistermaat-Heckman formula, Casimir effect, quantum groups and their application to nuclear physics, quantum field theory, quantum gravity and the theory of extended objects, and black hole physics and cosmology. Contents: Dynamics, Viscous, Self-Screening Hawking Atmosphere (I Brevik); Gravitational Interaction of Higher Spin Massive Fields and String Theory (I L Buchbinder & V D Pershin); Invariants of Chern-Simons Theory Associated with Hyperbolic Manifolds (A