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Nota di contenuto	An outline of geometric quantisation (d'après Kostant) -- The metilinear geometry of non-real polarizations -- On cohomology groups appearing in geometric quantization -- Geometric quantization and Feynman path integrals for spin -- V. Fock, 40 years later -- Interpretation geometrique des etats quantiques -- Geometric structure of quantization -- The application of graded Lie algebras to invariance considerations in particle physics -- Some recent results on supersymmetry -- Graded manifolds, graded Lie theory, and prequantization -- Gauge fields as quantized connection forms -- Complex line bundles and the magnetic field of a monopole -- Conclusions from an extended gauge principle of Dirac's equation -- Reducibility of the symplectic structure of classical fields with gauge-symmetry -- New geometrical dynamics -- On the generalization of symplectic geometry to multiple integrals in the Calculus of Variations -- A symplectic formulation of particle dynamics -- A symplectic formulation of field dynamics -- Canonical transformations and their representations in quantum mechanics -- On a symplectic structure of general relativity -- On the symplectic formulation of the einstein system of evolution in presence of a self-gravitating scalar field -- Invertible foliations and type D-spaces -- Deformations of the embedded Einstein spaces -- The causal structure of singularities --

Towards quantum gravity -- Remarks about Dirac's idea of cosmological variation of so called 'constants of nature'.
