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Nota di contenuto	On the role of field theories in our physical conception of geometry -- Characteristic classes and solutions of gauge theories -- Classification of classical yang-mills fields -- Bundle representations and their applications -- to gauge theory -- The use of exterior forms in field theory -- Electromagnetic fields on manifolds: Betti numbers, monopoles and strings, minimal coupling -- Gravity is the gauge theory of the parallel — transport modification of the poicare group -- On the lifting of structure groups -- On the non-uniqueness of spin structure in superconductivity -- Conformal invariance in field theory -- Geometric quantization and the WKB approximation -- Some properties of half-forms -- On some approach to geometric quantization -- Representations associated to minimal co-adjoint orrits -- On the Schrödinger equation given by geometric quantisation -- Application of geometric quantization in quantum mechanics -- Thermodynamique et Geometrie -- Some preliminary remarks on the formal variational calculus of gel'fand and dikii -- Reducibility of the symplectic structure of minimal interactions -- Ambiguities in

canonical transformations of classical systems and the spectra of quantum observables -- Quantum field theory in curved space-times a general mathematical framework -- On functional integrals in curved spacetime -- Observables for quantum fields on curved background -- Quantization of fields on a curved background -- Supergravity -- Representations of classical lie superalgebras.
