Differential Geometrical Methods in Mathematical Physics

By P. L. Garcia

Springer Dez 1980, 1980. Taschenbuch. Book Condition: Neu. 235x155x29 mm. This item is printed on demand - Print on Demand Titel. Neuware - Configuration spaces of identical particles.- The geometrical meaning and globalization of the Hamilton-Jacobi method.- The Euler-Lagrange resolution.- On the prequantum description of spinning particles in an external gauge field.- Classical action, the wu-yang phase factor and prequantization.- Groupes differentiels.- Representations that remain irreducible on parabolic subgroups.- Non-positive polarizations and half-forms.- Connections on symplectic manifolds and geometric quantization.- Geometric aspects of the feynman integral.- Relativistic quantum theory in complex spacetime.- Existence et equivalence de deformations associatives associees a une variete symplectique.- A new symplectic structure of field theory.- Conformal structures and connections.- Equilibrium configurations of fluids in general relativity.- Quaternionic and supersymmetric models.- Supergravity as the gauge theory of supersymmetry.- Hypergravities.- Preface.- Preface.- Morse theory and the yang-mills equations.- Reduction of the yang mills equations.- Tangent structure of Yang-Mills equations and hodge theory.- Classification of gauge fields and group representations.- Gauge asthenodynamics (SU(2/1)) (classical discussion).- Spinors on fibre bundles and their use in invariant models.- Glueing broken symmetries together.- Deformations and quantization.- Stability theory and quantization.- Presymplectic manifolds and the quantization of relativistic particle systems.- Geometric

Reviews

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