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Nota di contenuto	Aspects of non-commutative order -- Correspondences between von neumann algebras and discrete automorphism groups -- The construction and decomposition of quantum fields using operator theory, probability and fiber bundles -- On KMS states of a C* dynamical system -- Recent developments in the theory of unbounded derivations in C*-algebras -- Quasi-expectations and injective operator algebras -- General short exact sequence theorem for toepnitz operators of uniform algebras -- AW*-algebras with monotone convergence property and type III, non W*, AW*-factors -- A non-W*, AW*-factor -- Fixed points and commutation theorems -- Algebraic features of equilibrium states -- Minimal dilations of CP-flows -- Resistance inequalities for the isotropic heisenberg model -- Homogeneity of the state space of factors of type III1 -- Product isometries and automorphisms of the car algebra -- Construction of ITPFI with non-trivial uncountable T-set -- On the algebraic reduction theory for countable direct summand C*-algebras of separable C*-algebras -- C*-algebras and applications to physics.