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Descrizione fisica	1 online resource (559 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 62 , 0271-4132
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Soggetti	C*-algebras Von Neumann algebras Mathematical physics
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Note generali	Proceedings of the Summer Conference on Algebras and Mathematical Physics in honor of the 60th birthdays of Profs. H.-J. Borchers, N.M. Hugenholtz, R.V. Kadison, and D. Kastler.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	How the C*-algebraic formulation of statistical mechanics helps understanding the approach to equilibrium -- KMS structures in geometric quantization -- Perturbations and KMS states in C*-dynamical systems (Generalization of the absence theorem of phase transition in continuous quantum systems) -- III. Methods from Differential Geometry and K-theory -- Z/2-graded cyclic cohomology within the differential envelope -- Yang-Mills for non-commutative two-tori -- Non-stable K-theory and non-commutative tori -- IV. Positivity in Operator Algebras -- Nonlinear states on C*-algebras -- Cones of positive maps -- On the geometry of positive maps in matrix algebras -- V. Dynamical Systems and Derivations -- Differential operators on C*-algebras -- Derivations and free group actions -- Automatic continuity of derivations on eigenspaces -- Dynamics in continuous quantum systems -- VI. Operators in Hilbert Spaces: Some Algebraic Methods -- Kuiper's theorem for Hilbert modules -- Feynman's operational calculus, generalized Dyson series and the

Feynman integral -- An index theory for continuous semigroups of *-
endomorphisms of $B(S)$ and II_1 factors -- Multivariable Toeplitz
operators, Jordan algebras and index theory -- VII. C^* -Algebras: Some
Recent Results -- On multilinear completely bounded module maps --
On the classification of noncommutative tori, III -- VIII. Von Neumann
Algebras -- The joint modular structure of an inclusion of von
Neumann algebras -- Central sequences in crossed products.
