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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"
