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A Method for Studying Model Hamiltonians

**A Minimax Principle for
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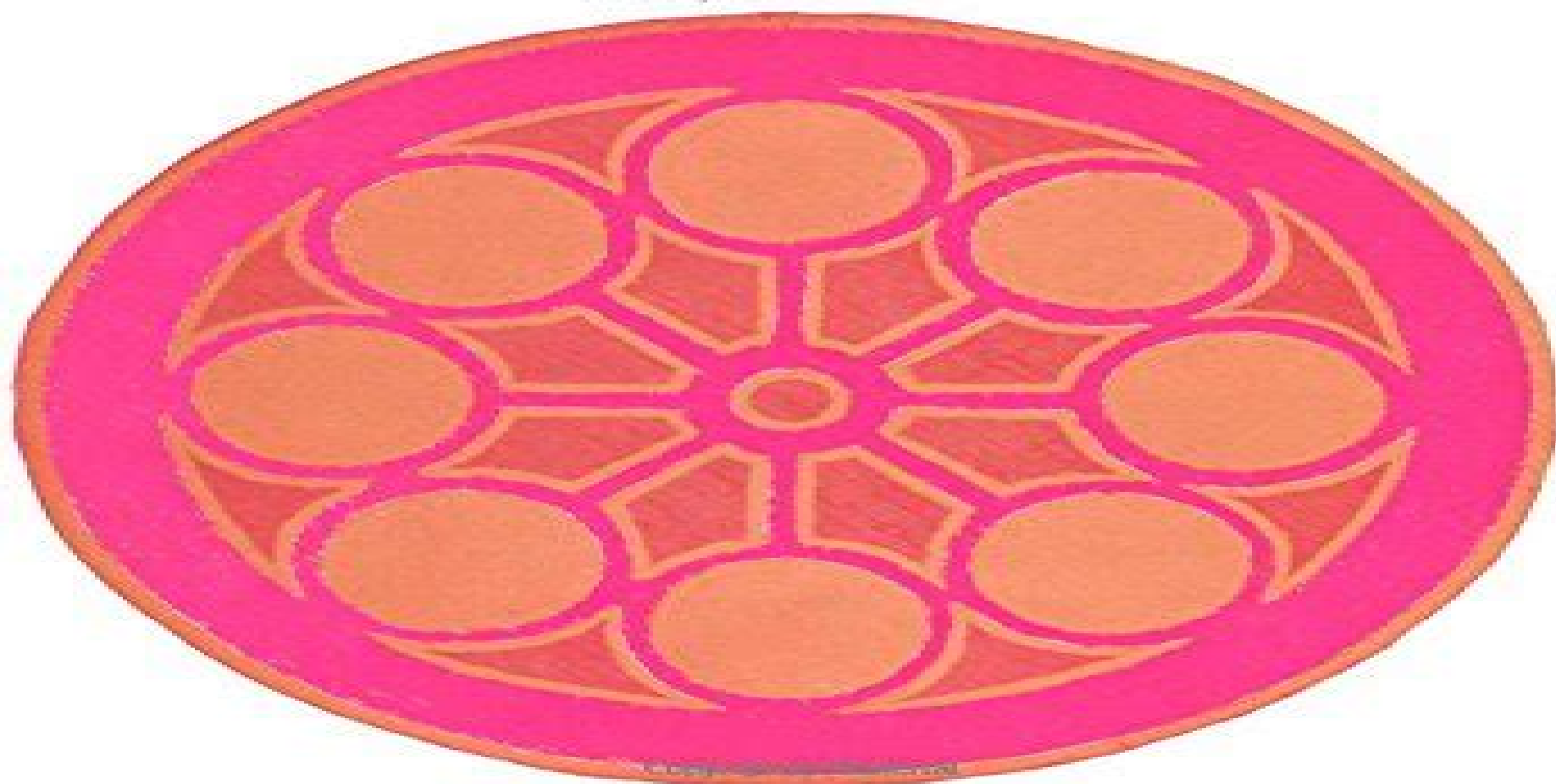
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Method For Studying Model Hamiltonians

N. N. Bogolyubov



Method For Studying Model Hamiltonians:

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Strongly Correlated Systems Adolfo Avella, Ferdinando Mancini, 2013-04-05 This volume presents for the very first time an exhaustive collection of those modern numerical methods specifically tailored for the analysis of Strongly Correlated Systems Many novel materials with functional properties emerging from macroscopic quantum behaviors at the frontier of modern research in physics chemistry and material science belong to this class of systems Any technique is presented in great detail by its own inventor or by one of the world wide recognized main contributors The exposition has a clear pedagogical cut and fully reports on the most relevant case study where the specific technique showed to be very successful in describing and enlightening the puzzling physics of a particular strongly correlated system The book is intended for advanced graduate students and post docs in the field as textbook and or main reference but also for other researchers in the field who appreciate consulting a single but comprehensive source or wishes to get acquainted in as painless as possible way with the working details of a specific technique **Theoretical and Mathematical Physics** Vasilii Sergeevich Vladimirov, Evgenii Frolovich Mishchenko, A. K. Gushchin, 1988 *Soviet Physics, Doklady*, 1984 *Study of Electronic Structures of Solids with Strongly Interacting Electrons* Yen-Sheng Su, 2000 *Physics Briefs*, 1991 *The Publishers' Trade List Annual*, 1988 *Lectures on Selected Topics in Statistical Mechanics* D. ter Haar, 1977 *High Energy Physics Index*, 1986 **Combined Quantum Mechanical and Molecular Mechanical Methods** Jiali Gao, Mark A.

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