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# **A Method for Studying Model Hamiltonians**

## **A Minimax Principle for Problems in Statistical Physics**

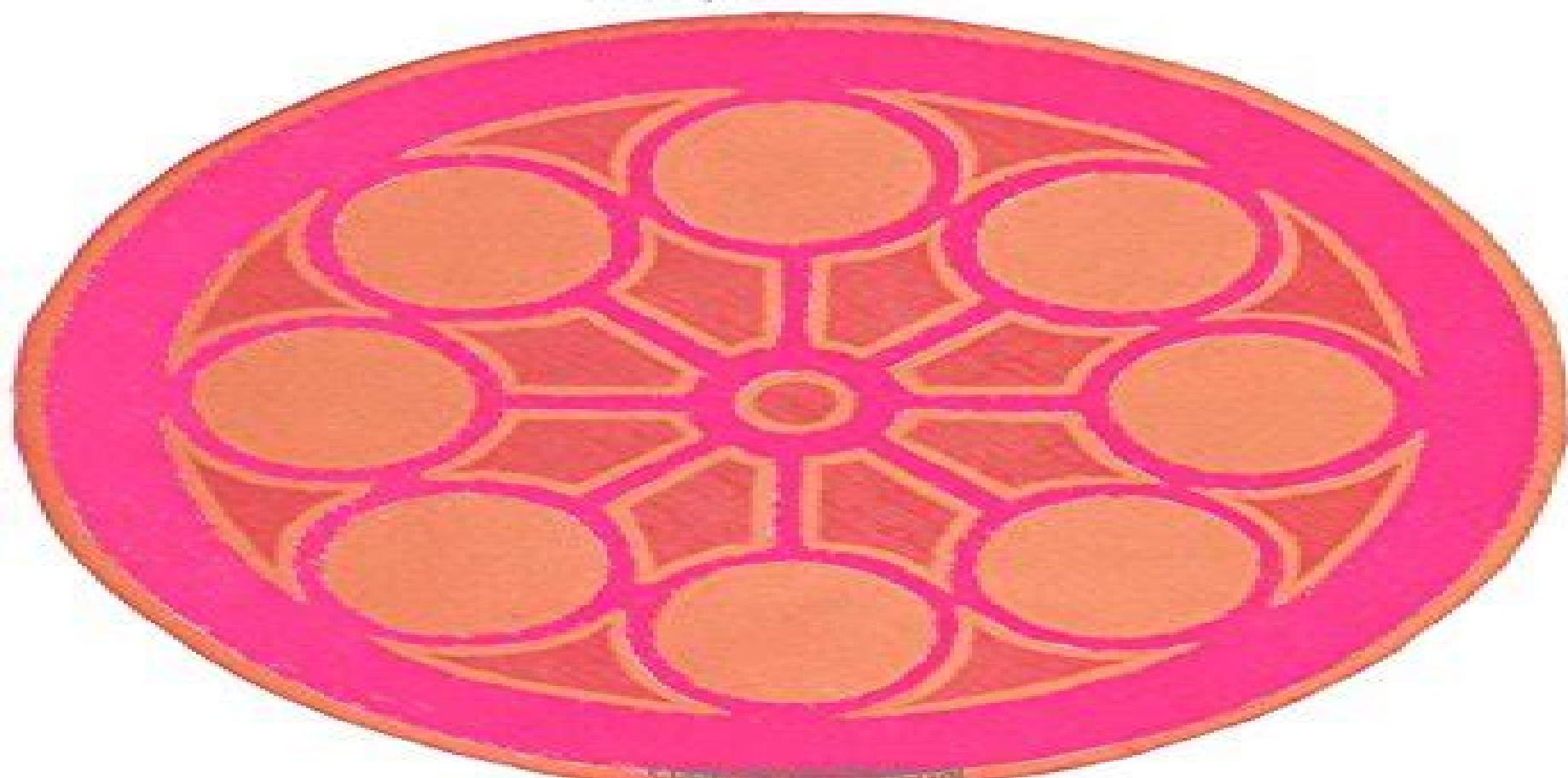
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**Pergamon Press**



# Method For Studying Model Hamiltonians

**N. N. Bogolyubov**

## **Method For Studying Model Hamiltonians:**

*A Method for Studying Model Hamiltonians* N. N. Bogolyubov,2013-10-22 A Method for Studying Model Hamiltonians A Minimax Principle for Problems in Statistical Physics centers on methods for solving certain problems in statistical physics which contain four fermion interaction Organized into four chapters this book begins with a presentation of the proof of the asymptotic relations for the many time correlation functions Chapter 2 details the construction of a proof of the generalized asymptotic relations for the many time correlation averages Chapter 3 explains the correlation functions for systems with four fermion negative interaction The last chapter shows the model systems with positive and negative interaction components *A Method for Studying Model Hamiltonians* Nikolai Nikolaevich Bogoliubov,1972 *A Method for Studying Model Hamiltonians* Nikolaj Nikolaevic' Bogoljubov,1972 *A method for studying model Hamiltonians* Nikolai Nikolaevich Bogolyubov,1972 *Operator Theory with a Random Potential, and Some Questions of Statistical Physics* Viktor Nikolaevich Popov,1991 This collection is devoted to problems of operator theory with a random potential and a number of problems of statistical physics For the Schrodinger operator with a potential randomly depending on time mean wave operators and the mean scattering operator are computed and it is shown that the averaged dynamics behaves like free dynamics in the limit of infinite time Results of applying the method of functional integration to some problems of statistical physics are presented the theory of systems with model Hamiltonians and their dynamics ferromagnetic systems of spin 1 2 Coulomb and quantum crystals This collection is intended for specialists in spectral theory and statistical physics

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