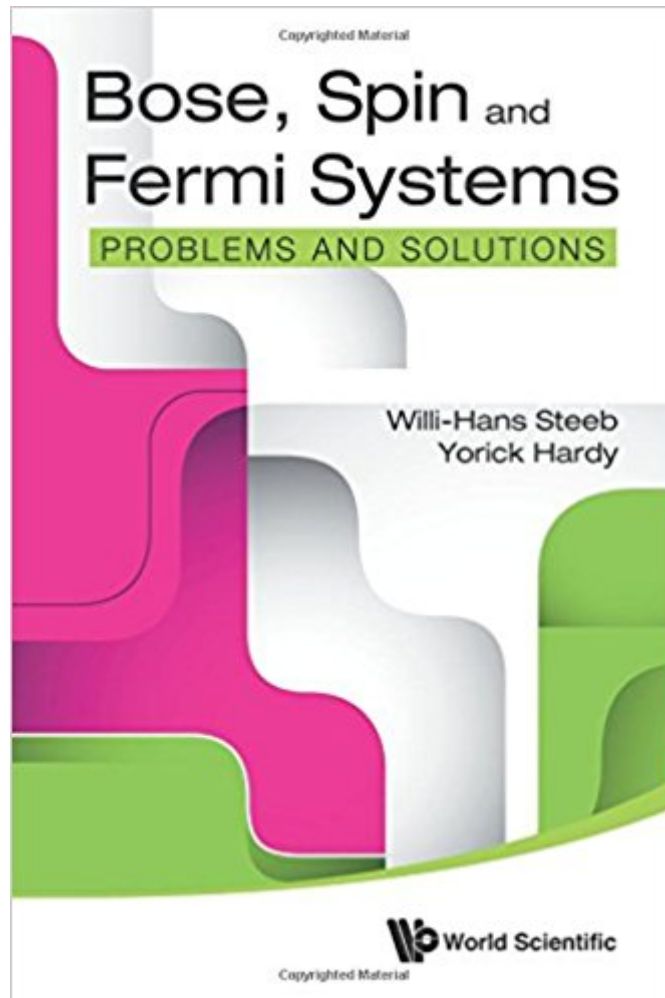




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# Bose, Spin And Fermi Systems: Problems And Solutions



## Synopsis

This book provides a comprehensive collection of problems together with their detailed solutions for Bose, Spin, Fermi systems and also interacting systems. Supplementary problems are also provided. Exercises for representations of Lie groups and Lie algebras are also covered as well as computer algebra implementations. It is the only book which summarizes these topics from the quantum theory aspect in the form of exercises and solutions. The book is also self-contained. Both physicists and mathematicians will benefit from all the different techniques explained and worked out in detail. This book provides a comprehensive collection of problems together with their detailed solutions for Bose, Spin, Fermi systems and also interacting systems. Supplementary problems are also provided. Exercises for representations of Lie groups and Lie algebras are also covered as well as computer algebra implementations. It is the only book which summarizes these topics from the quantum theory aspect in the form of exercises and solutions. The book is also self-contained. Both physicists and mathematicians will benefit from all the different techniques explained and worked out in detail.

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