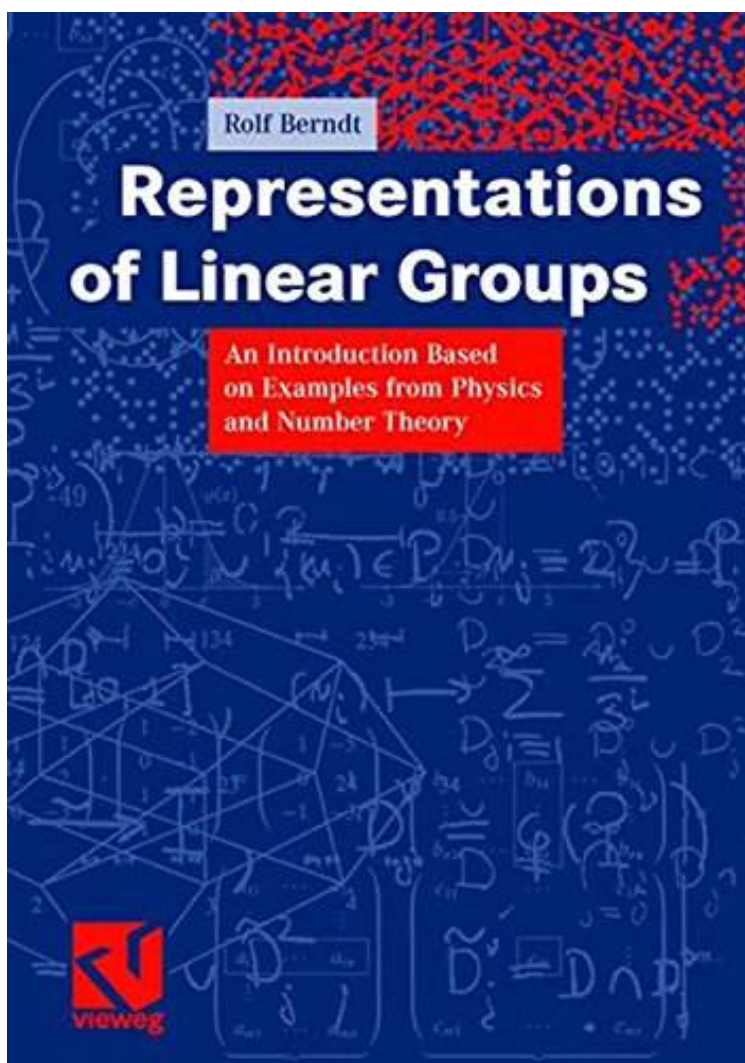# Representations of Linear Groups: An Introduction Based on Examples from Physics and Number Theory (Vieweg Monographs)

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Representations of Linear Groups: An Introduction Based on Examples from Physics and Number Theory (Vieweg Monographs):

This is an elementary introduction to the representation theory of real and complex matrix groups The text is written for students in mathematics and physics who have a good knowledge of differential integral calculus and linear algebra and are familiar with basic facts from algebra number theory and complex analysis The goal is to present the fundamental concepts of representation theory to describe the connection between them and to explain some of their backgroun This book is a very elementary introduction to some of the fundamental ideas in representation theory Its emphasis on examples from physics and number theory makes it appealing to a broad audience Mathematical s 2008g

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