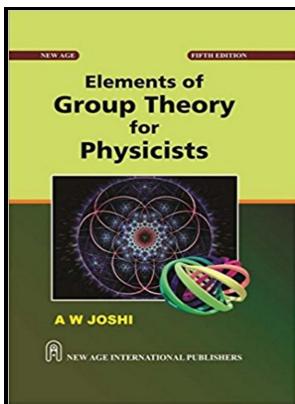


Group theory for physicists

World Scientific - Group Theory in a Nutshell for Physicists



Description: -

- Mathematical physics
- Group theory
- Group theory for physicists

Notes: Includes bibliographical references (p. 481-485) and index.
This edition was published in 2007



Filesize: 15.36 MB

Tags: #resource #recommendations

resource recommendations

Application methods to physics are emphasized.

Group Theory for Physicists: Ma, Zhong

Сквозь строй не позволял мне загрузить этот файл, поэтому я обошел фильтры. Because of the diversity in the choice of topics, which does not place undue emphasis on finite or Lie groups, it should be useful to physicists working in many branches. While it doesn't discuss the representations of the symmetric groups, the book's got almost everything on the mathematical side, including roots and weights in the theory of compact Lie groups.

Group Theory for Physicists by Zhong

Once one learns how to use it, one may spend a lifetime doing just that. We can see explicitly which subspaces these are. Group Theory in a Nutshell for Physicists fills this gap, providing a user-friendly and classroom-tested text that focuses on those aspects of group theory physicists most need to know.

Group Theory for Physicists by Zhong

Good, usable resource tables, in the Patera-McKay or the Slansky spirit.

Group Theory in a Nutshell for Physicists \$SO(2)\$ Irreducible Representations Dimensions

Based on courses delivered during Professor Srinivasa Rao's long career at the University of Mysore, this text is remarkable for its clear exposition of the subject. It also explains how symmetry principles associated with group theoretical techniques can be used to interpret experimental results and make predictions.

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