

A Comprehensive Bibliography

Selected references in group theory for physicists:

- Lectures on Group Theory for Physicists*, by A.P. Balachandran and C.G. Trahern
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- Group Theory in Physics—An Introduction with a Focus on Solid State Physics*, by Jörg Bünemann
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Group Theory in Particle, Nuclear, and Hadron Physics, by Syed Afsar Abbas
Lectures on Group Theory and Particle Theory, by H. Bacry
Group Theory for the Standard Model of Particle Physics and Beyond, by Ken J. Barnes

Theory and Applications of the Poincaré Group (2nd edition), by Sibel Başkal, Young Suh Kim, and Marilyn E. Noz

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Other mathematical physics references of interest to students of Physics 251:

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Mathematical Physics—A Modern Introduction to its Foundations (2nd edition), by Sadri Hassani [See Part I: “Finite-Dimensional Vector Spaces”; Part VII: “Groups and Their Representations”; Part VIII: “Tensors and Manifolds”; and Part IX: Lie Groups and Their Applications”]

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