

1. Record Nr.	UNINA9910460594603321
Autore	Saleem Mohammad
Titolo	Group theory for high energy physicists / / by Mohammad Saleem and Muhammad Rafique
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis , , [2012] ©2013
ISBN	0-429-08709-8 1-4665-1064-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (219 p.)
Collana	Taylor & Francis Book
Disciplina	512.2
Soggetti	Group theory Nuclear physics - Mathematics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Front Cover; Group Theory for High Energy Physicists; Copyright; Table of Contents; Preface; About the Author; 1. Elements of Group Theory; 2. Group Representations; 3. Continuous Groups; 4. Symmetry, Lie Groups, and Physics; Appendix A: Commutation Relations between the Generators of a Semisimple Lie Group; Appendix B; Appendix C: Computation of Structure Constants; Appendix D; Back Cover
Sommario/riassunto	Although group theory has played a significant role in the development of various disciplines of physics, there are few recent books that start from the beginning and then build on to consider applications of group theory from the point of view of high energy physicists. Group Theory for High Energy Physicists fills that role. It presents groups, especially Lie groups, and their characteristics in a way that is easily comprehensible to physicists.