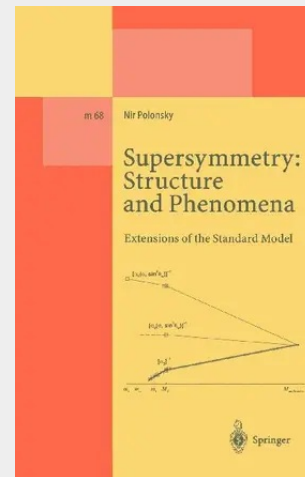


Supersymmetry: Structure and Phenomena

Extensions of the Standard Model

is one of the most discussed themes in Supersymmetry modern particle there is no evidence for its in physics, although convincing existence yet nature. the and theoretical of this Intrigued by uniqueness beauty symmetry, researchers in the field are confident that interest will continue in the coming and even decades. In of the most recent fact, years many exciting developments in mathematical field and physics, quantum theory were string theory obtained the of using concepts supersymmetry. Still the most of resides in the fascinating aspect supersymmetry possible that extend the it celebrated standard model of it might elementary particle into accessible and to and physics energy range present planned experiments: its thus be "around the corner". This so called experimental discovery might the of the standard "low energy" supersymmetry, supersymmetric generalization of the model of weak and is the central strong, electromagnetic interactions, of the book. subject present Nir is well suited as an author of such a book he is in Polonsky as an expert the field his has made contributions to its and, throughout important career, in the he tour" development. present monograph provides a "guided through this vast field of in a he selects "low energy" supersymmetry, convincing way the essential and a consistent account of the topics provides field, avoiding the discussion of details. His clear and make unnecessary patient explanations this book useful both for the researcher in the field and the experienced student who wants to take the first towards steps learning supersymmetry. All interested in this will want have this book physicists to on their subject shelves. Bonn, Germany, 2001 Hans Peter Nilles July Preface Moor: point horse my where birds sing.

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