

Preface

The purpose of these lecture notes is to introduce the basic framework of non-Abelian discrete symmetries, and to present some important applications in particle physics. Discrete non-Abelian groups have in fact played an important role in particle physics. However, they may not be so familiar to particle physicists as continuous non-Abelian symmetries. These lecture notes are written for particle physicists and differ in this respect from standard books on group theory. However, preliminary knowledge of group theory is not required to understand the non-Abelian discrete symmetries.

We hope our lecture notes will serve as a handbook for serious learners, and also as a helpful reference book for experts, as well perhaps as triggering future research.

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Particle Physicists

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