



A brief view of Particle Physics an introduction to Field Theories



The Standard Model

Introduction

Quantum Field Theory

Quantum Electrodynamics

Quantum Chromodynamics

Electroweak Theory

Neutrinos

Gravity

Dark Matter

Dark Energy

Unification

Supersymmetry

String Theory

Conclusions



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A Loop correction to the Mass of a Superpartner 000

Why we look at the Mass

Introduction

Loop corrections

Mass corrections

Conclusions

