Foreword

This rather short note is a summary of the electroweak interaction. It shall describe the principles of the interaction between W^{\pm} , Z and γ bosons and matter. In fact, is shall also explain how the weak interaction and electromagnetism can be reconciled in a single theory. Finally, it will give a description of the Higgs mechanism.

Electroweak Interaction

Tanguy Marsault May 29, 2024