

**Something something General two-Higgs
Doublet Model something something
Electric Dipole Moment perhaps something
something $B_s \rightarrow ll$**

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Abstract

Something something motivation, baryogenesis, cp violation. Something something general two-Higgs doublet model (g2HDM). Something something precision experiments, electric dipole moment (EDM), leptons, quarks. Perhaps something something collider experiments, $B_s \rightarrow ll$.

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Chapter 1

Introduction

Something something motivation.

Chapter 2

The General Two-Higgs Doublet Model

Something something g2HDM.

Chapter 3

Electric Dipole Moment

Something something EDM.

Chapter 4

B Meson Decays

Something something *B* decays.

Chapter 5

Electric Dipole Moment of Leptons

Something something lepton EDM, cf. our 2022 paper.

Chapter 6

Electric and Chromo-electric Dipole Moment of Quarks

Something something quark and neutron EDM, cf. current project.

Chapter 7

(Semi-)Leptonic B Meson Decays

Something something $B_s \rightarrow ll$, cf. our 2023 paper.

Chapter 8

Conclusion

Something something summary.

Reference