

# Scalar FCNC and CP violating mixing matrices from the vacuum

*Tuesday, November 8, 2022 3:00 PM (15 minutes)*

In the context of a class of two Higgs doublet models where CP violation only arises spontaneously, a possible connection between CP violations in the quark and lepton sectors (described by the CKM and PMNS matrices) is analysed. The important role of scalar flavour changing couplings (SFCNC) in this type of scenario is also discussed in detail.

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