

# Probing the flavor of New Physics with dipoles

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Dipole operators encode a rich variety of phenomena, such as radiative decays and electric dipole moments in both quark and lepton sectors, which probe physics beyond the Standard Model up to very high energy scales. Through renormalization, non-dipole operators mix into dipole ones, thus possibly generating observable effects that can be investigated by those phenomena. I will discuss the calculation of this mixing in cases where the leading order effect happens at two-loops, and the phenomenological consequences for flavor and CP violation coming from generic New Physics.

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