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A Minimal Solution to the Strong CP Problem

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I propose a solution to the Strong CP problem, based on an underlying CP symmetry and a flavor symmetry. Requiring the Standard Model to have more than one Higgs doublet and softly breaking CP and the flavor symmetry only in the scalar sector, allows to recover the CP violating phase in the quark mass matrix without generating a large strong CP angle. I show that this conclusion holds at higher orders and discuss the profound consequences for flavor.

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