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How to Evade a NO-GO Theorem in Flavor Symmetries

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We may expect that an approach based on symmetries will be a powerfulinstrument for investigating the origin of the flavors. However, when we want to introduce a symmetry (discrete one, U(1), and any others) into our mass matrix model, we always encounter an obstacle, the so-called No-Go theorem in flavor symmetries (YK, Phys.Rev. D71 (2005) 016010). In the present talk, I would like to talk about how to evade this No-Go theorem in order to build a realistic mass matrix model. I will suggest three ways to evade the theorem.

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