

International Workshop on Grand Unified Theories: Current Status and Future Prospects



Contribution ID: 86

Type: **not specified**

How to Evade a NO-GO Theorem in Flavor Symmetries

Monday 17 December 2007 17:50 (30 minutes)

We may expect that an approach based on symmetries will be a powerful instrument 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.

Author: Prof. KOIDE, Yoshio (Osaka University)

Presenter: Prof. KOIDE, Yoshio (Osaka University)

Session Classification: Plenary Talks