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## Connections between family symmetry invariants and neutrino phenomenology

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Tribimaximal leptonic mixing is a mass-independent mixing scheme. By decomposing the associated effective neutrino mass matrix, we derive generic predictions in terms of the parameters governing the neutrino masses. We extend this phenomenological analysis to other mass-independent mixing schemes. We classify models that produce tribimaximal leptonic mixing through the group structure of their family symmetries in order to point out that there is often a direct connection between the group structure and the phenomenological analysis.

**Author:** DE MEDEIROS VARZIELAS, Ivo (TU Dortmund)

**Presenter:** DE MEDEIROS VARZIELAS, Ivo (TU Dortmund)

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