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## Stability and Leptogenesis in the left-right symmetric SeeSaw mechanism

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It has previously been shown that in left-right symmetric type I+II seesaw mechanism, an eight-fold degeneracy among the mass matrices of the heavy right handedneutrinos M\_R exist. We discriminate among the degenerate solutions, using stability properties of the solutions and their ability to lead to successful baryogenesis via leptogenesis as criteria. Thus, we can partially lift the eight-fold degeracy. We find in particular that viable leptogenesis is generically possible for four out of the eight solutions.

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