

The Rise and Fall of the Cheng-Sher ansatz

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The so-called “Cheng-Sher” ansatz has been the main benchmark for studies of tree-level flavor-changing neutral currents for decades. It was born in 1987, grew very slowly at first, was christened a few years later (by others) and had a pretty good run. It has now been afflicted with LHC data and, barring a surprise in the next year or so, will expire. The talk will briefly discuss the history, and primarily focus on the recent data that has placed the ansatz on life-support.

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