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Supersymmetric UV safety (Borut Bajc)

lundi 2 octobre 2017 15:30 (45 minutes)

I will review some recent developments in the search for supersymmetric candidates of UV safe theories. This includes examples in SQCD with adjoints, quivers, but also phenomenologically attractive grand unified theories like the minimal SO(10) with large representations. The test of UV-safety can potentially rule out some of these GUTs as possible high energy limits of the standard model.