Contribution ID: **138**   Type: **not specified**

Generalizing 11d supergravity

Thursday, 13 October 2022 15:20 (25 minutes)

We propose a method for constructing equations of generalized 10D supergravity using non-unimodular bi-Killing Yang–Baxter deformations. The presented approach is generalized to the 11-dimensional case. Using non-unimodular three-Killing generalized Yang–Baxter deformations, a generalization of the equations of 11D supergravity is obtained.

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Session Classification: Section B

Track Classification: Section B: Quantum field theory methods in elementary particle physics