

Miami Physics Conference 2022

Eric Bergshoeff

Title: A New Consistent Limit of 11D Supergravity

Based on several string considerations I will argue that a consistent non-relativistic limit of 11D supergravity should exist. I will show that, despite the occurrence of several potential infinities, remarkably such a limit indeed exists. A connection with a consistent null reduction of 11D supergravity will be pointed out.