

On the landscape of 6d supergravities

Thursday, 27 June 2024 14:45 (15 minutes)

6d supergravity with minimal supersymmetry is highly constrained by various low-energy consistency conditions, including anomaly cancellation. In this talk I will discuss the use of ideas from graph theory to exhaustively enumerate all consistent models with few tensor multiplets (modulo some minimal assumptions). Testing this complete list of models against several Swampland bounds reduces their number by ~50%.

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Session Classification: Parallel session