

Brane solutions in non-supersymmetric strings

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Can low-energy gravity capture the backreaction of extended sources without the protection of supersymmetry? In this talk, I address this question in the context of non-supersymmetric string theories. Branes are expected from the worldsheet analysis, but their spacetime solutions are heavily affected by the absence of supersymmetry. A ubiquitous feature is the presence of finite-distance singularities, although all cases predicted by the worldsheet yield normalizable solutions even with singular boundaries.

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