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The Generalized Supergravity Equations

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I will review how requiring kappa symmetry for the Green-Schwarz string in a general background leads to a generalization of the usual equations of supergravity. These generalized supergravity equations can also be interpreted as scale invariance, as opposed to Weyl invariance, conditions for the string sigma model. Non-trivial solutions to these equations can be generated by anomalous non-abelian T-duality transformations.

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