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# Higher derivative corrections in String Supergravities

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The effective action of string theory has a highly constrained structure due to the numerous symmetries of the underlying theory. Recently, a method known as the Generalized Bergshoeff-de Roo identification was developed, which benefit from diffeomorphism, Lorentz and gauge invariance, along with T-duality, to derive higher derivative couplings in the effective action within the framework of Double Field Theory. This method has been revisited and further refined to generate couplings directly within the standard Supergravity framework.

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