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## The gravitational nature of generalized TTbar deformations

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TTbar deformations provide remarkable insights into the topology and geometry of the space of field theories, as well as allowing exact calculations of physical quantities related to lower-dimensional deformed field theories. Noteworthy connections with theories of gravity have been shown to hold in two-dimensional spacetime. We discuss the extension of such correspondences to higher dimensional spacetimes, through the introduction of non-trivial, higher-derivative theories of gravity.

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