

## de Sitter constructions in String Theory



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## Two routes to de Sitter in holography

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In the context of holographic model building, I will discuss ways to obtain de Sitter space in four dimensions which do not rely on finding a stable semiclassical vacuum solution with an effective positive potential energy. In the field theory dual description, these de Sitter solutions can be thought of as non-vacuum states in a (deformed) CFT and arise due to either non-trivial sources or non-trivial initial conditions.

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