

Holography, Quivers and Geometry

In string theory, a spacetime with an anti-de Sitter (AdS) factor is related to a conformal field theory (CFT) by a famous correspondence. Many such spacetimes are obtained by considering D-branes on conical Calabi-Yau singularities, which can in turn be obtained by K-stability techniques. The corresponding CFT is often, but not always, suggested by matrix factorization techniques.

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