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Quantum criticality from Ising model on dynamical simplicial geometries

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We argue the classical Ising model coupled to 2d dynamical simplicial geometries and show that even though the Ising model is classical, the Curie temperature can reach the absolute zero by tuning a parameter controlling simplicial geometries. This talk is based on a work in progress with Tomo Tanaka in Rikkyo University, Japan.

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