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Remodeling Equivariant GLSMs

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Topological Recursion (TR) is the mathematical framework that governs the genus expansion of matrix integrals. In physics, TR has a wide range of applications: it computes correlation functions in matrix models, amplitudes in topological string theory, partition functions of JT (super)gravity and more. In this talk I will introduce the theory of Eynard-Orantin TR and outline the novel application to equivariant Gauged Linear Sigma Models and the physics of A-branes. Based on upcoming work.

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