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*Supereigenvalue Models and Topological Recursion*

It is an open question how to construct intersection theory on moduli spaces of super-Riemann surfaces. Since there is a well known relation between expectation values of Hermitian matrix models and intersection numbers on moduli spaces of Riemann surfaces, a potential approach to this mystery is to study supereigenvalue models, which are supersymmetric generalizations of Hermitian matrix models. About ten years ago, Eynard and Orantin showed that expectation values of Hermitian matrix models can be nicely reconstructed recursively via a formalism now called topological recursion. In this talk I will explain that, perhaps surprisingly, the Eynard-Orantin topological recursion can also be used to calculate expectation values of supereigenvalue models. It remains to be seen whether these new results help further our understanding of moduli spaces of super-Riemann surfaces.