

Benedek Bukor:

Investigation of the cubic asymmetric multitrace matrix model

We analyze multitrace random matrix models with the help of the saddle point approximation and we introduce a multitrace term of type $-c_1 c_3$ to the action. We obtain the numerical phase diagram of the model, with a stable asymmetric phase and the triple point. Furthermore, we examine response functions in this model. The talk will be based on joint work with Juraj Tekel, arXiv:2407.20014.