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Convergence of Coefficients of the Rank Polynomial in Benjamini-Schramm Convergent Sequences of Graphs

Benjamini-Schramm convergence is a notion of convergence that is based on local behaviour and useful for sparse graphs. We show that it implies a convergence result on the coefficients of the rank polynomial. This is joint work with Dmitry Jakobson, Calum MacRury and Sergey Norin.