

Genus-0 permutation-equivariant KGW invariants of the point

Tuesday 4 February 2025 16:00 (1 hour)

K-theoretic Gromov–Witten (KGW) theory was introduced by Givental and Y.P. Lee as a generalization of Gromov–Witten theory. Recently, Givental realised that if we want to compute KGW invariants via fixed-point localization methods, we have to consider a more general theory, i.e., the permutation equivariant version of KGW theory. I would like to give an introduction to this topic and to explain how to compute the invariants in genus-0 for the simplest possible target – the point.

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