

## **Donaldson–Thomas invariants of quivers with potentials from the flow tree formula**

A categorical notion of stability for objects in a triangulated category was introduced by Bridgeland. Donaldson–Thomas (DT) invariants are then defined as virtual counts of semistable objects. We will focus attention on a natural class of triangulated categories defined via the representation theory of quivers with potentials, and explain how to compute DT invariants in this case from a smaller subset of “attractor invariants” which are known in many cases. For this, we investigate wall-crossing in the space of stability conditions and prove a flow tree formula conjectured by Alexandrov-Pioline in this setup. This is joint work with Pierrick Bousseau.

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