

## **Bridgeland stability for semiorthogonal decompositions**

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Abstract: This is joint work in progress with Arend Bayer, Emanuele Macrì, and Paolo Stellari. We introduce a new method to induce bounded t-structures on semiorthogonal decompositions. In particular, it allows us to construct Bridgeland stability conditions on the Kuznetsov component of the derived category of (some) Fano threefolds and of cubic fourfolds.