

Reddening Sequences for Cluster Algebras (Zoom)

Tuesday, November 29, 2022 1:40 PM (45 minutes)

While cluster algebras generally are not finitely generated, reddening sequences offer a more relaxed notion of finiteness. The existence of a reddening sequence has far reaching consequences for a cluster algebra (generic finite dimensionality of the Jacobian, numeric Donaldson-Thomas invariants, canonical bases). While it is not clear how to determine if a cluster algebra admits a reddening sequence, in this talk we discuss some cases in which reddening sequences have been established.

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