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Geometry of wobbly bundles

Very stable bundles, and their counterpart, wobbly bundles, have been studied since the eighties. Besides (conjecturally) defining a divisor in the moduli space of bundles, wobbly bundles play a central role in the programme towards geometric Langlands by Donagi and Pantev via Higgs bundles and mirror symmetry. In this talk, I will speak about some geometric features of wobbly bundles, including pure codimensionality and C* flows within the nilpotent cone.