

# MAGIC ANGLES AND ANALYTIC HYPOELLIPTICITY

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After reviewing the concept of magic angles from condensed matter physics (first observed experimentally at MIT in 2018), I will explain how the results of Kashiwara, Sjöstrand, Trepreau and Himonas (and will explain those results and their proofs as well) from the 80s show exponential decay of the corresponding eigenfunctions. As always, numerics suggest many open problems.