

TEMPLE UNIVERSITY

Department of Mathematics

Analysis Seminar

Zoom meeting

Monday, January 25 2021, 2:30 p.m.

*Analytic and Gevrey Regularity
for Sums of Squares in Low Dimension*

by Antonio Bove

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Abstract: We present a couple of results of analytic and Gevrey regularity for sums of squares operators in dimension 2. The reason why we focus on dimension 2 is that we believe it is the only case where Treves conjecture holds.

We identify the Poisson strata with some higher multiplicity subvarieties of the characteristic variety.