Seminario de Análisis y Aplicaciones

Viernes, 9 de octubre de 2020

11:30 h., ONLINE - URL: https://conecta.csic.es/b/jos-ajp-qp4

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Bilinear proof of the decoupling theorem for the moment curve

Resumen:

The decoupling theorem for the moment curve, due to Bourgain, Demeter, and Guth, implies the Vinogradov mean value theorem with the sharp exponent. I will present a bilinear proof of this result that avoids Brascamp-Lieb inequalities.
Joint work with S. Guo, Z. Li, and P.L. Yung.

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