

## **Dimension estimates for spectral measures in Dynamics**

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For some classes of dynamical systems (certain substitution flows and translation flows on surfaces of genus two) that are known to be typically weakly mixing, we obtain local dimension estimates from below for spectral measures. The techniques we use are variants of the "Erdos-Kahane method", developed originally in the study of Bernoulli convolutions. (Joint work with A. Bufetov.)