APPLIED MATHEMATICS COLLOQUIUM

Bases of time-frequency shifts and the uncertainty principle

Kasso Okoudjou

(MIT/U. of Maryland)

In the first part of the talk, I will review some basic structures as well as the relationship between these two systems. I will then present some recent and ongoing work on constructing Wilsontype systems from more general Gabor families.

(This is a joint work with D. Bhimani, M. Bownik, M. Jakobsen, and J. Lemvig).

Monday October 22nd, 2018 4:15PM MIT, Room 2-190

Applied Math Colloquium: <u>https://math.mit.edu/amc/fall18/</u> Math Department: <u>http://www-math.mit.edu</u>

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