Mathematisches Kolloquium

Mathematics of Super-Resolution
Recovery of atomic measures from finite number of moments

In this talk the term super-resolution will be used for the reconstruction of a highly time resolved signal modeled by a linear combination of point measures from a finite number of its Fourier coefficients resp. moments. We will demonstrate how this problem can be solved by a constrained minimization problem in the space of measures. Special emphasis will be placed on the generalization of the method to various settings. The talk is based on joined work with Kristof Schröder.

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Mittwoch, **15. November 2017,** KGI/Bau A 103, 17.00 Uhr s. t.
Um 16.30 Uhr werden im selben Raum Kaffee und Tee serviert.