

1098-35-267

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([tamasan@math.ucf.edu](mailto:tamasan@math.ucf.edu)), 4000 Central Florida Blvd., Orlando, FL 32816. *Range characterization of the attenuated Radon transform of symmetric tensors in the plane.* Preliminary report.

In this talk I will address the range conditions on the (attenuated) Radon data of symmetric tensors in the plane. The conditions are based on a Hilbert transform (see the talk of K.Sadiq in this session) associated with the A-analytic maps a la Bukhgeim. This is a preliminary work report. (Received January 27, 2014)