

TEMPLE UNIVERSITY

Department of Mathematics

Analysis Seminar

Room 617 Wachman Hall

Monday, March 21, 2016, 2:40 p.m.

Jump Formulas for Tempered Distributions

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Abstract: In this talk I will present and prove a useful jump formula in the class of tempered distributions which prefigures similar phenomena at the level of singular integral operators. This is following closely the presentation in the book, “Distributions, Partial Differential Equations, and Harmonic Analysis,” by Dorina Mitrea.