

1075-51-66

Brian T Street*, Department of Mathematics, University of Wisconsin-Madison, 480 Lincoln Dr., Madison, WI 53706. *A Quantitative Frobenius Theorem.*

This talk concerns the classical Frobenius theorem from differential geometry, about involutive distributions. For many problems in harmonic analysis, one needs a quantitative version of the Frobenius theorem. In this talk, we state such a quantitative version, and discuss various applications. (Received August 22, 2011)