



BOSTON UNIVERSITY STATISTICS
AND PROBABILITY SEMINAR SERIES

Integral Geometry in Gauss Space

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Abstract: The three basic results of classical, Euclidean, Integral Geometry are the the Kinematic Fundamental Formula, Crofton's Formula, and Steiner's (Weyl's) Formula. After describing these results and their importance, I will describe new versions of them in Gauss space and in Gaussian function space, as well as touching briefly on some of the applications of the new results. This is joint work with Jonathan Taylor.

For directions and maps, please see <http://math.bu.edu/research/statistics/statseminar.html>.