C. Bélisle, J.-C. Massé and T. J. Ransford, When is a probability measure determined by infinitely many projections?, Ann. Probab., 25 (1997), 767-786.

Abstract

The well-known Cramér-Wold theorem states that a Borel probability measure on \mathbb{R}^d is uniquely determined by the totality of its one-dimensional projections. In this paper we examine various conditions under which a probability measure is determined by a subset of its (d-1)-dimensional orthogonal projections.