
FERENC FODOR, University of Szeged, Hungary

Central diagonal sections of Gaussian cubes

We consider Gaussian-type probability measures in the standard n -dimensional cube and study the induced measure of hyperplane sections through the origin and orthogonal to a main diagonal. Using a formula proved by König and Koldobsky (2013), we investigate the asymptotic behaviour of the measure of sections as n tends to infinity. Joint work with Bernardo Gonzalez Merino (University of Murcia, Spain).