

Year: 2017

Vol.: 90

Fasc.: 3-4

Title: Trispectrum and higher order spectra for non-Gaussian homogeneous and isotropic random field on the 2D-plane

Author(s): György Terdik

In this paper, we study the non-Gaussian homogeneous and isotropic random field on the plane in frequency domain. The trispectrum and higher order spectra of such a random field are described in terms of Bessel functions. Some particular integrals of Bessel functions are considered as well.

Address:

György Terdik
Faculty of Informatics
University of Debrecen
H-4002 Debrecen
P. O. Box 400
Hungary