

Year: 2014

Vol.: 84

Fasc.: 1-2

Title: Bispectrum for non-Gaussian homogeneous and isotropic field on the plane

Author(s): György Terdik

The object of this paper is to characterize the third order moments (cumulants) and bispectra of a homogeneous isotropic field defined on a plane. We establish a one to one correspondence between the third order cumulants and the bispectra of such a process in terms of Bessel functions.

Address:

György Terdik
Faculty of Informatics
University of Debrecen
Hungary