

University of Macau

Faculty of Science and Technology

Department of Mathematics

FST-SEM/00061/2015

Stronger uncertainty principles for hypercomplex signals

By

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Date: 14 July 2015 (Tuesday)

Time: 11:00 a.m. - 12:00 p.m.

Venue: E11- 1006

Abstract

In this talk, for real para-vector-valued signals, we obtain the uncertainty principles in terms of covariance and absolute covariance. We also present certain conditions that give rise to the equal relation between the two uncertainty principles. Several examples are presented to verify the results.

Biography

Prof Yang is currently an associate Professor in the School of Mathematics and Computational Science, Sun Yat-Sen University, Guangdong, P.R.China. Her research interests are Complex Variables , Harmonic Analysis , Value distribution, Clifford Analysis. Prof Yang has publications in famous international Journals such as Journal of Fourier Analysis and Applications, Signal Processing, Complex Variables and Elliptic Equations, Complex Analysis and Operator Theory etc.

All are Welcome!

FST Seminar - MAT - " Stronger uncertainty principles for hypercomplex signals " at 11:00am on 14 July 2015 (Tuesday), E11-1006