

INSTITUTSKOLLOQUIUM

Am Mittwoch, dem 4.11.2015, spricht um 13:15 im Raum H 1510, Herr

Sebastian Semper

Institut für Mathematik, Technische Universität Ilmenau

zum Thema:

Bounds for the Coherence of Khatri-Rao-Products

Recent discoveries in Compressed Sensing(CS) have shown that Khatri-Rao structured matrices with low coherence are vital during Sparsity Order Estimation(SOE). This motivates us to construct Khatri-Rao-Products which obey lower and upper coherence bounds for the whole procedure of CS to perform well. We present the new results on such bounds together with methods for construction. Moreover we discuss the application during SOE and display numerical data to shed light on the quality of the coherence bounds.

Die Hochschullehrer des Instituts für Informationstechnik laden Sie herzlich dazu ein.

Ilmenau, den 28.10.2015