

Public Lecture, IPM-Isfahan

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Title:

Spectral Synthesis on Double Coset Hypergroups

Abstract:

Classical spectral synthesis deals with the description of translation invariant function spaces on topological groups. The basic building blocks are the so-called exponential monomials. In this talk we exhibit how to extend the ideas of spectral synthesis from groups to hypergroups. The point is to define exponential monomials in a reasonable way. An important special case is presented by the double coset hypergroups which are generalizations of factor groups. We also discuss the connections with spherical spectral synthesis.

February 21, 2017 (Esfand 3, 1395) at 11:00-12:00.

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