

Q-MATH

seminar

A LINK BETWEEN DISCRETE CONVOLUTION SYSTEMS AND SAMPLING VIA FRAME THEORY

SPEAKER: Antonio García (UC3M)

DATE: Wednesday, 4 March 2020 - 12:00

VENUE: UC3M, Seminar Room 2.2D08

ABSTRACT: In this talk a regular sampling theory for a multiply generated unitary invariant subspace of a separable Hilbert space H is proposed. This subspace is associated to a unitary representation of a countable discrete abelian group G on H . The samples are defined by means of a filtering process which generalizes the usual sampling settings.