Analysis Seminar

A comparison of two generalisations of triplets of Hilbert spaces

By

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Abstract: **The concept of triplet of Hilbert spaces is a special type of rigged Hilbert space and is due to Yu. Berezanskii. Motivated by a bunch of problems in the spectral theory of boundary value problems, spaces of analytic functions, and singular integral operators, a generalisation based on the concept of closely embedded Hilbert space has been obtained by P. Cojuhari and the speaker. In this talk, we compare this generalisation with the generalised triplet of Hilbert spaces in the sense of Berezanskii by showing when they coincide, when they are different and when, starting with one triplet, we can produce the other one that "essentially coincide".**

Date: Monday, November 18, 2019

Time: 14:00-15:00

Place: SA – Z18

Tea and cookies will be served after the seminar.