

SEMINAR

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Title

A characterization of well-posedness for abstract Cauchy problems with finite delay

Abstract:

In this talk, we characterize the mildly well-posedness of the first order abstract Cauchy problem with finite delay, solely in terms of a strongly continuous one-parameter family of bounded linear operators that satisfies a novel functional equation. In the case that the delay operator is null, this property is reduced to characterize the well-posedness of the first order abstract Cauchy problem in terms of the Abel's functional equation that satisfies a C_0 - semigroup.

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Sala de Seminarios Felipe Álvarez Daziano 5to piso del DIM, U de Chile, Beauchef 851.