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Semiflow of analytic functions and semigroups of composition operators

Abstract

The study of analytic semiflows on the open unit disc and the particular form of its infinitesimal generator G makes possible the study of semigroups of composition operators $(T(t))_{t\geq 0}$ on various well-known spaces of holomorphic functions such as Hardy, Dirichlet and Bergman spaces. We will provide compactness, analyticity and invertibility complete characterization of $(T(t))_{t\geq 0}$ in terms of G.

Talk time: 07/18/2016 11:00AM— 07/18/2016 11:30AM
Talk location: Brown Hall 100