

Interpolation by Vector-Valued Analytic Functions with Applications to Controllability

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joint work with J.R. Partington and S. Pott

In this talk, norm estimates are obtained for the problem of minimal-norm tangential interpolation by vector-valued analytic functions, expressed in terms of the Carleson constants of related scalar measures. Applications are given to the controllability properties of linear semigroup systems with a Riesz basis of eigenvectors.