

ANALYSIS SEMINAR

Title: Projective spectrum in multivariable operator theory

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Abstract: *For a tuple $A = (A_0, A_1, \dots, A_n)$ of elements in a unital Banach algebra \mathcal{B} , its projective spectrum $p(A)$ is defined to be the collection of $z = [z_0, z_1, \dots, z_n] \in \mathbf{P}^n$ such that $A(z) = z_0A_0 + z_1A_1 + \dots + z_nA_n$ is not invertible in \mathcal{B} .*