CSC Seminar

SPEAKER

Sérgio S. Rodrigues

RICAM

TITLE

On the stabilization of nonautonomous parabolic-like equations with a finite number of actuators

ABSTRACT

A discussion is presented on results concerning the stabilizability of parabolic and Navier-Stokes equations with time-varying coefficients, which have been derived during last years. In particular, we look for controls in feedback form, either given implicitly through the solution of a suitable differential operator Riccati equation or given explicitly. Finally, related ongoing and potential future works are also discussed including recent developments concerning observer design and output based feedback stabilization.

Tuesday, June 9, 2020 at 2 pm

BBB