

Im

Oberseminar Analysis

hält

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einen Vortrag zum Thema

Inhomogeneous differential algebraic equations on Hilbert space

Abstract:

The equation of interest for this talk will be the inhomogeneous differential algebraic equation $Eu' + Au = f$, where E is a bounded operator. As inspiration, we quickly recall the solution theory of the equation in finite dimensions, where a splitting of the state space separates the equation into two: the so-called differential and the algebraic part. Subsequently, we discuss how this approach can be extended to the Hilbert space case.

Datum: **Donnerstag, 1. Dezember 2022**

Zeit: **15:15 Uhr**

Raum: **WIL C 129**

Ansprechpartner: Prof. Dr. Ralph Chill

Alle Interessent:innen sind herzlich eingeladen.