

Im Oberseminar
Numerical Optimization
wird am
Mittwoch, dem 13. Juni 2018
folgender Vortrag gehalten:

A fully certified reduced basis method for PDE constrained optimal control with control constraints

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Abstract:

With this talk we present a novel reduced-basis approach for optimal control problems with constraints, which seems to deliver lower dimensional RB spaces as reported in the literature so far for the same problem class, but with the same approximation properties, and which allows to prove an error equivalence as known from finite element a posteriori error analysis. Numerical tests confirm our theoretical findings.

Zeit: 10:15 Uhr

Raum: G 227a

Interessenten sind herzlich willkommen!
gez. Prof. Stefan Volkwein