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VORTRAGSANKÜNDIGUNG

Im Rahmen unseres gemeinsamen Oberseminars

„Numerische Mathematik, Optimierung und Dynamische Systeme“

spricht

Herr **Dr. Kevin Sturm**

Johann Radon Institute for Computational and Applied Mathematics (RICAM)
Linz, Österreich

am **Montag, 22. Mai 2017**, 16:00 Uhr c. t. über das Thema

Title: “Weakly-normal basis vector fields in RKHS with an application to shape
Newton methods”

Abstract:

In this talk I discuss the approximation of normal vector fields defined on the boundary of a domain in the plane. For this purpose we introduce so-called weakly normal basis functions with the help of reproducing kernels. These normal functions enjoy several nice properties and are tailored to shape optimisation problems. This is joint work with Alberto Paganini.

Der Vortrag findet im S 80, Gebäude NW II statt.

gez. Anton Schiela