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### **Magdeburg Lectures on Optimization and Control**

rganisiert vom SIAM Student Chapter Magdeburg und gehalten  
iversity of Osijek, Kroatien. Die MALOC-Lectures sind ein  
den Gebieten Regelung und Optimierung nach Magdeburg  
ern, Ingenieuren und allen interessierten Personen hier in

er Vortrag nicht vorort passieren sondern als Online-Event  
zu sein, wo auch immer ihr eine Internetverbindung findet ;-)

[adrovi/nastavnici-i-suradnici/26-](#)

[e-page\)](#)

mechanical systems. Vibration reduction is very important in the  
damping optimization. In damping optimization, the principal goal  
will ensure optimal evanescence of system's solution (i.e.  
consider different optimality measures for that purpose, which  
he talk we present problem formulation and give an overview of  
lk we are focused on sampling-free model reduction of systems,  
thermore, t his can be also applied for model reduction of linear  
e that allow low-rank variation in the state matrix. We propose an  
ameter space exploration. Instead, we represent the system  
onse functions that are nonparametric with a purely parameter-  
d system representation lends itself very well to the  
ent cost function surrogates. We discuss this in detail for  
ur approach on a class of numerical examples.

be start at 3.00 p.m..

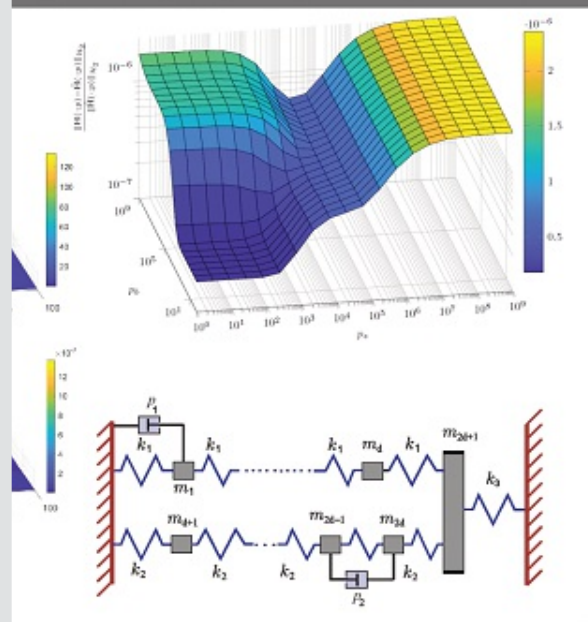
<https://bbb.mpi-magdeburg.mpg.de/meeting/MALOC2020>

# Tomljanović

of Osijek

n mechanical systems  
odel reduction

0-16:30 Online-Event



Engineering and Information Technology

Magdeburg

Magdeburg

Systems: Biosystems Engineering

SCHOOL OF  
ELECTRICAL ENGINEERING AND  
INFORMATION TECHNOLOGY



SCHOOL OF  
MECHANICAL ENGINEERING

RESEARCH CENTER  
DYNAMIC SYSTEMS:  
SYSTEMS ENGINEERING



21.10.2020

**Organizational Meeting October**

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25.09.2020

**MAGdeburg Lectures in Optimization and Control**

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21.09.2020

**Officer-Board-Wahlen 2020/2021**

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[› weitere...](#)

**Nerd Nite Magdeburg** ▶

**Mitglied werden** ▶



MAX PLANCK INSTITUTE  
FOR DYNAMICS OF COMPLEX  
TECHNICAL SYSTEMS  
MAGDEBURG



OTTO VON GUERICKE  
UNIVERSITÄT  
MAGDEBURG