

MathComp compact course

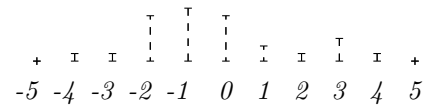
”Optimization with Differential Equations”

Evaluation Feedback form (28 feedback forms filled in)

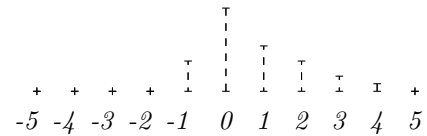
Please indicate with a number between -5 (too low, not enough) to 5 (too much, too detailed, too fast) with 0 being just perfect for you, how you experienced certain aspects of this course.

Tutorial talks (3/2 days)

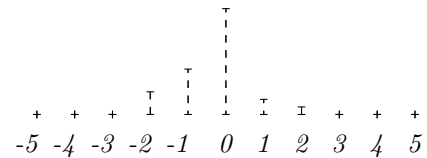
Level of detail



Presentation speed

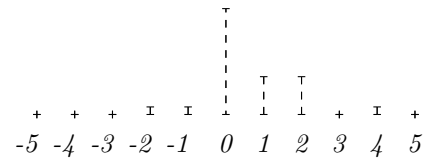


Relative share in the whole course

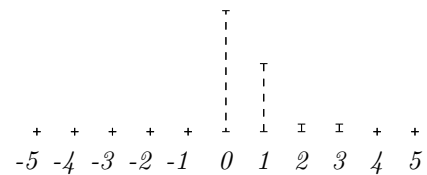


Doctoral student talks (1/2 day)

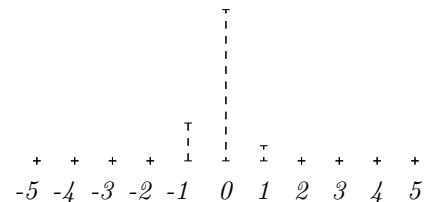
Level of detail



Presentation speed

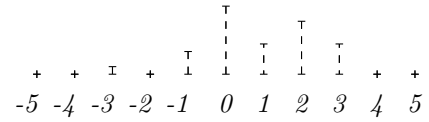


Relative share in the whole course

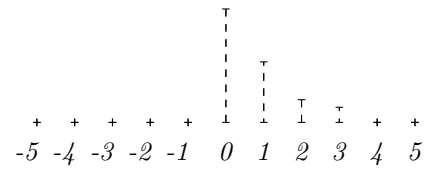


Friday talks (1/2 day)

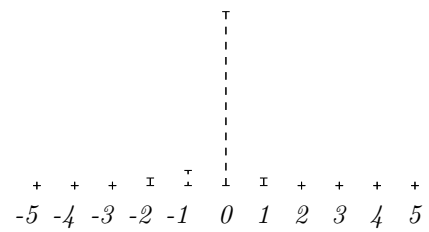
Level of detail



Presentation speed

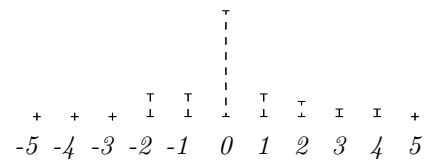


Relative share in the whole course

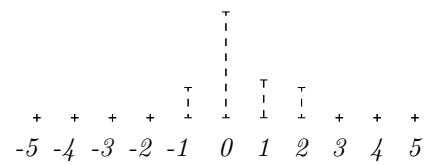


Practical Exercises (4/2 days)

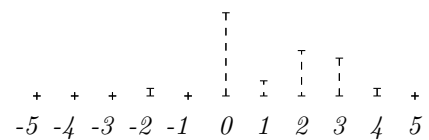
Level of detail



Presentation speed



Relative share in the whole course



Importance of talk for me: 0 (not important at all) to 5 (I learned a lot and hope this will help me with my future work)

Optimization overview

	T	T			T	T
	I	I	I	I	I	I
0	1	2	3	4	5	

Linear Programming

	T	T	T	T	T	T
	I	I	I	I	I	I
0	1	2	3	4	5	

Nonlinear Programming

					T	T
	I	I	I	I	I	I
0	1	2	3	4	5	

Dynamic Process Models

				T	T	T
+		I	I	I	I	I
0	1	2	3	4	5	

Optimal Control Overview

				T	T	T
+	I	I	I	I	I	I
0	1	2	3	4	5	

Direct Multiple Shooting

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0	1	2	3	4	5

Simulation and Derivatives

				T	
I	I	I	I	I	I
0	1	2	3	4	5

Parameter Estimation and Experimental Design

+ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Robust and Integer Control

+ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Lenz: Parameter Estimation of Satellite Orbits

$\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Kirches: QPs in Optimal Control

+ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Schmidt: Topology Optimization on Graphics Card

$\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Schillings: Shape Optimization under Uncertainty

$\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

Hoffmann: Model Discrimination

$\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$ $\begin{matrix} \top \\ | \\ | \\ | \\ | \\ | \end{matrix}$
0 1 2 3 4 5

