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Found Courses

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<u>Semester-independent title</u>	<u>Short text</u>	<u>Semester-dependent title</u>	<u>Course type</u>	<u>Manager(s)</u>	<u>Performing lecturer</u>	<u>Organizational unit</u>
Advanced Discretization Techniques		Advanced Discretization Techniques	Lecture	Prof. Dr. Carsten Gräser	Prof. Dr. Carsten Gräser	Department Mathematik, Lehrstuhl für Angewandte Mathematik (Wissenschaftliches Rechnen)
Architectures of Supercomputers / Architekturen von Superrechnern	ArchSup	ArchSup	Lecture	Farhad Ebrahimiandaryani, Prof. Dr.-Ing. Dietmar Fey	Farhad Ebrahimiandaryani	Lehrstuhl für Informatik 3 (Rechnerarchitektur)
Discrete Optimization I	DO1	Discrete Optimization I	Lecture	Florian Rösel, Kevin-Martin Aigner	Kevin-Martin Aigner	Department Mathematik, Lehrstuhl für Analytics & Mixed-Integer Optimization
Diskrete Optimierung III	DO3	Diskrete Optimierung III	Lecture	Prof. Dr. Timm Oertel		Department Mathematik, Lehrstuhl für Analytics & Mixed-Integer Optimization
Mathematics of Learning		Mathematics of Learning	Lecture	Florian Rösel, Prof. Dr. Frauke Liers-Bergmann	Prof. Dr. Frauke Liers-Bergmann	Department Mathematik, Professur für Optimization under Uncertainty & Data Analysis
Modeling and Analysis in Continuum Mechanics 1		Modeling and Analysis in Continuum Mechanics 1	Lecture	Dr. Marco Bresciani	Dr. Marco Bresciani	Department Mathematik, Lehrstuhl für Angewandte Mathematik (Modellierung und Numerik)
Numerics of Partial Differential Equations I	NuPDE I	Numerics of Partial Differential Equations I	Lecture	Prof. Dr. Günther Grün	Prof. Dr. Günther Grün	Department Mathematik
Optimization in Industry and Economy		Optimization in Industry and Economy (Mathematics of Learning)	Lecture	Prof. Dr. Frauke Liers-Bergmann	Prof. Dr. Frauke Liers-Bergmann	Department Mathematik, Juniorprofessur für Algorithmic Game Theory, Professur für Optimization under Uncertainty & Data Analysis
Polynomial optimization and applications		Polynomial optimization and applications	Lecture	Prof. Dr. Giovanni Fantuzzi	Prof. Dr. Giovanni Fantuzzi	Department Mathematik
Practical Course on Finite Element Methods for Phase-Separation Equations		Practical Course on Finite Element Methods for Phase-Separation Equations	Lecture	Dr. Stefan Metzger	Dr. Stefan Metzger	Department Mathematik
Selected Topics in Mathematics of Learning		Selected Topics in Mathematics of Learning	Lecture	Dr. Marius Yamakou	Dr. Marius Yamakou	Department of Data Science, Professur für Optimization under Uncertainty & Data Analysis

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Semigroups of linear operators		Semigroups of linear operators The course will take place in room 04.324	Lecture	Prof. Dr. Eberhard Bänsch	Prof. Dr. Eberhard Bänsch	Department Mathematik
Stochastische Analysis		Stochastische Analysis	Lecture	Prof. Dr. Torben Krüger	Prof. Dr. Torben Krüger	Department Mathematik, Lehrstuhl für Mathematische Stochastik
Transport and reaction in porous media: Simulation		Transport and reaction in porous media: Simulation	Lecture	apl. Prof. Dr. Serge Kräutle	apl. Prof. Dr. Serge Kräutle	Department Mathematik, Lehrstuhl für Angewandte Mathematik (Modellierung und Numerik)
Advanced nonlinear optimization		Advanced nonlinear optimization	Lecture with exercise	Prof. Dr. Michael Stingl	Prof. Dr. Michael Stingl	Department Mathematik
Introduction to Control and Machine Learning		Introduction to Control and Machine Learning	Lecture with exercise	Prof. Dr. Enrique Zuazua Iriondo, Ziqi Wang	Prof. Dr. Enrique Zuazua Iriondo, Ziqi Wang	Department Mathematik
Masterseminar MAPA/NASi - Seminar Applied Analysis		Masterseminar MAPA/NASi - Seminar Applied Analysis	Main seminar / Master seminar	Prof. Dr. Günther Grün		Department Mathematik, Lehrstuhl für Angewandte Mathematik (Modellierung und Numerik)
Masterseminar		Masterseminar	Master seminar	Prof. Dr. Timm Oertel		Department Mathematik, Professur für Optimization under Uncertainty & Data Analysis
Material and Topology Optimization		Material and Topology Optimization	Master seminar	Prof. Dr. Michael Stingl		Department Mathematik
Numerical methods for phase-field equations		Numerical methods for phase-field equations	Master seminar	Dr. Stefan Metzger	Dr. Stefan Metzger	Department Mathematik
Numerical solutions for eigenvalue problems		Master seminar "Numerical solutions for eigenvalue problems"	Master seminar	Prof. Dr. Daniel Tenbrinck		Department Mathematik, Lehrstuhl für Angewandte Mathematik (Modellierung und Numerik)
Exercise classes to Modelling and Analysis in Continuum Mechanics		Tutorial to Modeling and Analysis in Continuum Mechanics 1	Tutorial/exercise	Dr. Marco Bresciani	Dr. Marco Bresciani	Department Mathematik, Lehrstuhl für Angewandte Mathematik (Modellierung und Numerik)
Exercise Polynomial optimization and applications		Exercise Polynomial optimization and applications	Tutorial/exercise	Prof. Dr. Giovanni Fantuzzi	Prof. Dr. Giovanni Fantuzzi	Department Mathematik

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Exercises Architectures of Supercomputers / Übungen Architekturen von Superrechnern	ÜArchSup	Exercises Architectures of Supercomputers / Übungen Architekturen von Superrechnern	Tutorial/exercise	Farhad Ebrahimiandaryani, Prof. Dr.-Ing. Dietmar Fey	Farhad Ebrahimiandaryani	Lehrstuhl für Informatik 3 (Rechnerarchitektur)
Exercises for Advanced Discretization Techniques		Exercises for Advanced Discretization Techniques	Tutorial/exercise	Prof. Dr. Carsten Gräser	Prof. Dr. Carsten Gräser	Department Mathematik, Lehrstuhl für Angewandte Mathematik (Wissenschaftliches Rechnen)
Exercises for Numerics of Partial Differential Equations I		Exercises for Numerics of Partial Differential Equations I	Tutorial/exercise	Prof. Dr. Günther Grün		Department Mathematik
Tutorial zu Discrete Optimization I		Tutorial zu Discrete Optimization I	Tutorial/exercise	Florian Rösel, Kevin-Martin Aigner	Florian Rösel	Department Mathematik, Lehrstuhl für Analytics & Mixed-Integer Optimization
Tutorial zu Diskrete Optimierung III		Tutorial zu Diskrete Optimierung III	Tutorial/exercise	Prof. Dr. Timm Oertel		Department Mathematik, Lehrstuhl für Analytics & Mixed-Integer Optimization
Übungen zur Numerik PDGL I (Numerics of PDE I)		NuPDGU	Tutorial/exercise	Prof. Dr. Günther Grün	Prof. Dr. Günther Grün	Department Mathematik
Übung Selected Topics in Mathematics of Learning		Übung Selected Topics in Mathematics of Learning	Tutorial/exercise	Dr. Marius Yamakou		Department of Data Science, Professur für Optimization under Uncertainty & Data Analysis
Übung zu Optimization in Industry and Economy		Übung zu Optimization in Industry and Economy (Mathematics of Learning)	Tutorial/exercise	Prof. Dr. Frauke Liers-Bergmann		Department Mathematik, Juniorprofessur für Algorithmic Game Theory, Professur für Optimization under Uncertainty & Data Analysis

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