

Topics in Algorithmics

(in German: Topics in Algorithmics -)

Module-ID: FIN-INF-120263

Link:	LSF
Responsibility:	Prof. Dr. Stefan Schirra
Lecturer:	Prof. Dr. Stefan Schirra
Classes:	Lecture/Exercises Topics in Algorithmics
Applicability in curriculum:	

Abbreviation TinA	Credit Points 6	Semester Summer	Term ab 1.	Duration 1 Semester	Language english	Level Master
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Intended learning outcomes:

Students know how to find efficient algorithmic solutions or understand that no such solutions (are likely to) exist.

Content:

Varying content in (theoretical) algorithmics, e.g. advanced graph algorithms, algorithmic motion planning, advanced data structures, computer algebra, computational group theory)

Workload:

Präsenzzeiten: 4 SWS Vorlesung + Übung Selbstständige Arbeit: Bearbeiten der Übungen und Nachbereitung der Vorlesungen, Vorbereiten der Präsentation 180h = 4 SWS = 56h Präsenzzeit + 124h selbstständige Arbeit

Type of examination:	Teaching method / lecture hours per week (SWS):
oral exam	Lecture/Exercises (4 SWS)

Prerequisites according to examination regulations:	Recommended prerequisites:
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Media:	Literature:

Comments:

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