


Data:	ATANA. MA. / Examination number: 10721	Version: 09.12.2021 	Start Year: SoSe 2021
Module Name:	<b>Aktuelle Themen der Analysis II</b>		
(English):	Current topics in analysis II		
Responsible:	<a href="#">Bernstein, Swanhild / Prof. Dr.</a> <a href="#">Reissig, Michael / Prof. Dr.</a> <a href="#">Waurick, Marcus / Prof. Dr.</a> <a href="#">Hielscher, Ralf / Prof.</a>		
Lecturer(s):	<a href="#">Bernstein, Swanhild / Prof. Dr.</a> <a href="#">Reissig, Michael / Prof. Dr.</a> <a href="#">Semmler, Gunter / Dr.</a> <a href="#">Waurick, Marcus / Prof. Dr.</a> <a href="#">Hielscher, Ralf / Prof.</a>		
Institute(s):	<a href="#">Institute of Applied Analysis</a>		
Duration:	1 Semester(s)		
Competencies:	<p>Die Studierenden lernen forschungsbezogene Denkweisen, Methoden und Techniken der Analysis. Damit sind sie in der Lage, die erworbenen Fähigkeiten und Fertigkeiten bei Qualifikationsarbeiten auf dem Gebiet der Analysis anzuwenden.</p> <p>Students learn research-related ways of thinking, methods and techniques of mathematical analysis. These enable them to apply the acquired skills and abilities to qualification thesis in the field of analysis.</p>		
Contents:	<p>Aktuelle Forschungsthemen aus dem Bereich Analysis sollen durch Vorträge, Selbststudium anhand der (englischsprachigen) Originalliteratur wissenschaftlich durchdrungen und in einer Vorlesung dargestellt werden.</p> <p>Current research topics from the field of analysis are to be scientifically elaborated through lectures, self-study using the (English-language) original literature and presented in a lecture.</p>		
Literature:	Aktuelle Publikationen und Monographien aus dem Bereich der Analysis. Recent publications and monographs in the field of analysis.		
Types of Teaching:	S1 (SS): Lectures (2 SWS) S1 (SS): Seminar (1 SWS)		
Pre-requisites:	<b>Recommendations:</b> <a href="#">Analysis 4 (Funktionalanalysis), 2021-05-04</a> <a href="#">Analysis 3 (Gewöhnliche Differentialgleichungen), 2021-05-04</a> This modul is independent of "Current topics in Analysis I"		
Frequency:	yearly in the summer semester		
Requirements for Credit Points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: AP: Vortrag (60 min)		
Credit Points:	5		
Grade:	The Grade is generated from the examination result(s) with the following weights (w): AP: Vortrag (60 min) [w: 1]		
Workload:	The workload is 150h. It is the result of 45h attendance and 105h self-studies.		