

Schedule of the lecture Power System Dynamics

room: building 02 – room 111

time: Thursday, 3:15 pm to 4:45 pm

lecturer: Prof. Dr.-Ing. habil. Martin Wolter

content:

- Grid equations in modal components for power system dynamic calculations
- Numerical solutions of initial value problems in power systems
- Different methods and models for power system dynamics
- Application of Matlab for power system dynamics

Nr.	Datum	Thema
1	11.04.2024	- no lecture -
2	18.04.2024	Introduction to Power System Dynamics
3	25.04.2024	Modal components
4	02.05.2024	Numerical solutions of ordinary differential equations
5	09.05.2024	- public holiday -
6	16.05.2024	Grid equations in state space
7	23.05.2024	Matlab seminar
8	30.05.2024	Modeling of equipment I
9	06.06.2024	Modeling of equipment II
10	13.06.2024	Extended nodal approach
11	20.06.2024	- no lecture -
12	27.06.2024	Differential conductance method I
13	04.07.2024	Differential conductance method II
14	11.07.2024	Repetition and exam preparation