
Notes

on Homework & Examination of Energy Converters – CAD and System Dynamics (EC)



TECHNISCHE
UNIVERSITÄT
DARMSTADT



Institut für
Elektrische
Energiewandlung

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Regulations for homework

- You must write the solution **by hand**.
- Due date of the homework is **1 week (7 days) after** issue date. Your name and your matriculation number have to be clearly written on your homework. You can only submit your homework in hard copy. Drop your homework in the postbox next to room S3|10/316.
 - e.g. Issue date of the 1st homework is 18. October.
Then the due date is 25. October, 15:00.
You cannot submit the homework after this time.
- You can get 1% bonus point per homework, when all your answers are right. Therefore you can earn maximum 15% bonus point from the homework.
- The homework will be uploaded in Moodle every Wednesday.
- The bonus points are valid only for 1 year (e.g. WS17/18 and SS18).
- The corrected homework-sheet can be reviewed during the consultation hour of the responsible assistants and at the final exam review. The sheets with your handwritten solution are returned during the tutorial.

Regulations for exam

- There are **two half-exams** during winter-semester, mid-term exam and final exam. During summer-semester only one complete exam is offered.
- Before mid-term exam, you **must register for the two half-exams of this course in TUCaN**. Otherwise you cannot take this exam.
- Each half-exam of winter-semester contains 2 exercise questions (30 min * 2), and 3 theory questions (10 min * 3). Total exam time is 90 min. The complete exam of summer-semester contains 3 exercise questions (30 min * 3), and 3 theory questions (10 min * 3). Total exam time is 120 min.
- Write your solutions at the designated space. Your solutions must be readable and comprehensible. Double solutions will not be considered.
- Points are given to both correct formulas and results.
- Do not write on your own paper. If you need additional sheets, please ask the supervisor!
- The permitted aids for the exercise questions and the theory questions are summarized below.

Permitted aids during theory questions:

- Scientific pocket calculator, no graphing or programmable calculators!
- Rulers, pencils, except of red colour.
- The use of other resources will be treated as an attempt of deception!

Permitted aids during exercise questions:

- Scientific pocket calculator, no graphing or programmable calculators!
- Rulers, pencils, except of red colour.
- Four pages (= two sheets) of handwritten formulas. No print-outs, no photocopies. Drawings and sketches are also allowed, but not complete solutions of exercises.
- The textbook “Energy Converters CAD and System Dynamics”. Handwritten annotations are allowed, but no solutions of exercises.
- The use of other resources will be treated as an attempt of deception!

General warning: No computers, mobile phones, smartwatches and other electronic devices!