

Commutative Algebra

Veranstaltungen

Mitarbeiter

Example Class

Online-Tools

Proof of Performance

Commutative Algebra

Thomas Markwig

October 19, 2021

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Veranstaltungen

- Lecture (2 x 90 min / week)
- Example Class (1 x 90 min / week)





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Assistant



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• Alheydis Geiger

Example Class

- Every week one set of exercises.
- Work on them "at home" and hand in the solutions.
- Discuss you ideas with fellow students.
- You can hand in your solutions alone or in a group with one other student.
- The Example Class is given in a hybrid format.
- Register via:

https://urm.math.uni-tuebingen.de

- Register by Friday, October 22, 12pm
- Example Class starts this Thursday at 8:15am!



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Exercises



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- A new set of exercises every Tuesday afternoon
- Hand in your solutions by the following Monday, 10am
- Hand in your solutions online via URM
- For every set of exercises hand in ONE pdf-file in URM.
- The marked solutions will also be provided viy URM.

Singular

- SINGULAR is a computer algebra system for computations in polynomial rings
- allows to compute most of the operations introduced in the lecture
- a short introduction in the first example class this week
- If possible, bring your own laptop and have SINGULAR installed already.
- https://www.singular.uni-kl.de



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Online-Tools im Einsatz

- Web page of the lecture (lecture notes, exercises, information)
- You Tube (videos of the lecture)
- Discord-Server of the MathHour for virtual cooperation
- Forum for discussions of questions (Discord-Server of the MathHour)
- Zoom as online platform for live streaming



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- oral exam in the lecture free period
- Prerequisite for the exam:
 - So called "Übungsnachweis":
- How do you get this:
 - regular participation, i.e. attendance in the exercises and submission of independently and sensibly processed solutions



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