

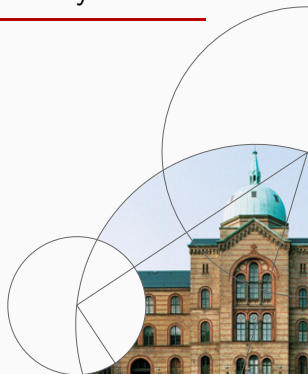


13. Outroduction

Introduction to Programming and Numerical Analysis

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Plan

1. Exam project

2. Questions

Exam project

Problems

- **Structure:** 2 problems with 3-6 sub-questions on solving and simulating models and analyzing their implications graphically and numerically.
- **Examples of a problems:**
 1. Solve consumer or firm problems (with non-standard constraints)
 2. Solve and simulate an AS-AD model
 3. Solve for the Walras-equilibrium in an exchange economy
 4. Solve an extended Solow model
 5. Solve a two period dynamic optimization problem

⇒ similar to the problems in the problem sets
- **Curriculum:** Lecture notebooks (\div sections marked with +)
- **Packages:** No new packages are required, and using non-standard packages are actively discouraged.

Answering

1. **Focus on answering the questions** - nothing more, nothing less
2. Explain your **method in words** (or with an algorithm)
3. **Structure and comment your code!**
4. Explain your **results in words**
5. **Partial answers, attempts and considerations** are also **awarded**
(something on everything is better than a lot on a few questions)

Disclaimer: Solving the full exam project in depth will be hard.

Hand-in

- **You should hand-in a single zip-file named with your groupname only.**
- The zip-file should contain:
 1. A general README.md for your portfolio
 2. A Feedback.txt file with a list of the groups each group member have given peer feedback to with links to the GitHub issues
 3. Your inaugural project (in the folder /inauguralproject)
 4. Your data analysis project (in the folder /datapproject)
 5. Your model analysis project (in the folder /modelproject)
 6. Your exam project (in the folder /examproject)

Questions

Questions

- **Any questions now?**

- **Online:**

<https://github.com/NumEconCopenhagen/lectures-2020/issues>