

# Instructions for take home exam in 732A80 – 2020-10-21

The LISAM course room below is used to distribute the exam problems and for submitting your solutions. Please make sure that you have access to the course room:

[https://liuonline.sharepoint.com/sites/Lisam\\_732A80\\_2020HT\\_3H](https://liuonline.sharepoint.com/sites/Lisam_732A80_2020HT_3H)

## Times and deadlines

The exam will be published via LISAM's *Submissions* on 2020-10-21, 8:00 and must be submitted in *Submissions* no later than the specified end time (deadline), which is 2020-10-21, 13:30. The submission contains this document as well as a document with the exam questions to be solved and all other required files.

**Note!** The submission deadline is 30 minutes later than the end time of the exam. **The last 30 minutes** before the deadline should be **used to prepare and organize** all the files that you want **to submit** according to the instructions below.

## Assistance

For technical assistance and/or questions regarding the exam, the examiner/responsible teacher will be available throughout the exam period by phone, email or chat, as specified in the exam instructions (available at the *LISAM Submission*).

## Permitted aids

During the exam, you may not communicate with anyone else except the examiner/responsible teacher. All other aids are permitted.

## Submission of solutions

You should submit your solutions as an **executable Jupyter Notebook** together with a printout of the complete notebook in **PDF format**. Please make sure that all your answers are visible in the pdf file. To generate the pdf file from the notebook, you can either go to *File->Download as->PDF via LaTeX (.pdf)*, or go to *File->Print preview* and "print" the web page as a pdf file.

Apart from the exception regarding hand-written solutions (see below), the notebook should be self-contained and executable. Standard packages and the `tssltools` module that is **distributed along with the exam** may be imported. However, if you rely on external code that you have written (e.g. when solving the lab assignments in the course) it should be copied in to the notebook.

It is your responsibility to ensure that the submission is complete and correct. In case of multiple submission, only the last submission will be corrected. If the solutions are submitted both via LISAM and e-mail, the submission in LISAM takes precedence unless it is clearly stated otherwise in the email.

## Submission of handwritten solutions

If relevant, hand-written calculations and drawings can be submitted alongside the notebook/pdf printout. Please scan/take a picture of your hand-written solutions and upload them in pdf, jpg or png

format alongside the notebook. If you use this option, you need to **clearly mark in the notebook** that part of the solution is attached as a separate file and provide a reference to that file.

If you use this possibility you must ensure that the text is **clearly readable** from the photo. Make sure that the solutions fill the image (i.e. that it does not contain any unnecessary background objects) and that the image is rotated correctly. Images that are not clearly readable will not be corrected.

We recommend merging all hand-written solutions as a single PDF file through e.g. the Notebloc app (see below), or to insert them as images into a Word document and then save to PDF.

Notebloc is a scanner app for smartphones. A video showing how Notebloc works can be found [here](#) and the app can be downloaded for both [iOS](#) and [Android](#). We recommend that you test the app a few days before the exam to familiarize yourself with how to upload the photos.

### Anonymous file submission

If the submission in LISAM is anonymous, look for your Anonymous ID, which is your unique exam ID corresponding to an AID number. All files you submit should be renamed with this number. For example, if you have Anonymous ID: A-12345, your submitted file should be named A-12345.pdf

If the submission is handled anonymously, **none** of the submitted files should contain your name or LiU ID.

### Technical problems in LISAM

If for any reason you are unable to submit your solution to LISAM, you should email the examiner with all the files that you wish to submit **within 10 minutes of the specified exam submission deadline**.