

COMPUTER ALGEBRA WITH MAPLE – EXERCISES

Version January 29, 2024

- Finish all the exercises. If you can't complete them in-class, finish them out-of-class.
- Do everything within a MAPLE document file (which has extension `.mw`).
- Store all exercises in your logbook. The MAPLE document file can be used for this.
- Make regular backups on at least *two* different locations (e.g., OneDrive and email). Note: using a USB stick is not advisable because they can suffer from data corruption. This can happen when you don't do 'eject', but also for other reasons.

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Some of the exercises are based on or from the book *Maple by Example* by Martha L. Abell and James B. Braselton (third edition).

1 Exercises session 1

Note: include all exercises, also the *tutorials*, in your logbook. Do this for this and the subsequent sessions.

1.1 Tutorials

1. Open the *Getting Started* (re-open MAPLE if it is not present any more), then complete the *Tutorial: Talking to Maple* tutorial (first one) and complete this, using a separate blank MAPLE document. Store that document, once finished, on your OneDrive. So you need to reproduce the right column (indicated by 'Results') in a separate MAPLE document.
2. Open the *Getting Started* (re-open MAPLE if it is not present any more), then complete the *Tutorial: Putting Ideas Together* tutorial (second one) and complete this, using a separate blank MAPLE document.