Computing for mathematics: week 7

Symbolic Calculus

Aims of this week

At the end of this lecture students will be:

- Familiar with calculus in Sage: limits, differentiation and integration

Timeline

Lab sheet

- Limits
- Differentiation
- Integration

Lecture

- 0 - 5 mins: Recap
- 5 - 15 mins: Solution to lab sheet
- 15 - 35 mins: Overview of Sage function
- 35 - 45 mins: Questions?
- 45 - 50 mins: Introduction to next week

After the lecture   Students will be given access to lab sheets and pointed towards reading.

Assessment

This will be assessed in the course work.