

Lectures 23/5 (the last)

We will introduce partial differential equations (PDE's) (Section 20).

We then discuss numerical solution of elliptic boundary value problems where we first focus on a unit square with fixed boundary and then discuss how this can be generalized to other types of regions and other types of boundary conditions. This corresponds mainly to Section 20.0.2. I will also as usual distribute a powerpoint presentation as additional material.

With Ole you will present the exercise about the relaxation method and then work on a new exercise with a simple elliptic PDE.