

# Project No.5

## Topological optimisation

The main objective of this project is to optimise a cantilever beam using the topological method and analyse the obtained results. In the first exercise, the attached (in APDL) script should be used (OTYM\_Topo.txt). In this exercise, the influence of the number of finite elements on the results should be analysed. In the second exercise, student should optimise their own case, i.e. model it in Ansys, run the computations and present the results.

Attention!

Due to licence limitations, students should use 2D models.