

**What should the report include:**

1. What problem was analyzed (subject),
2. Who was the author (first name, surname, a laboratory group),
3. What was the purpose of the analysis,
4. Description of the model:
  - 4.1. type of model (one-dimensional, 2D (plane stress, plane strain , axisymmetry), 3D),
  - 4.2. applied finite elements (name, number of degrees of freedom at the node, the total number of nodes and elements in the model),
  - 4.3. material properties (models, data),
  - 4.4. shape of the model (dimensioned drawings),
  - 4.5. discretization (drawings),
5. What load cases were analyzed:
  - 5.1. type of analysis,
  - 5.2. boundary conditions (description, drawings),
6. Results of analyzes for individual cases (drawings with descriptions),
  - 6.1. numerical values,
  - 6.2. graphs on the basis of the paths (given the location of the path),
  - 6.3. contour maps,
7. Comparison of numerical results with the theoretical (if any),
8. Conclusions