# Computational methods

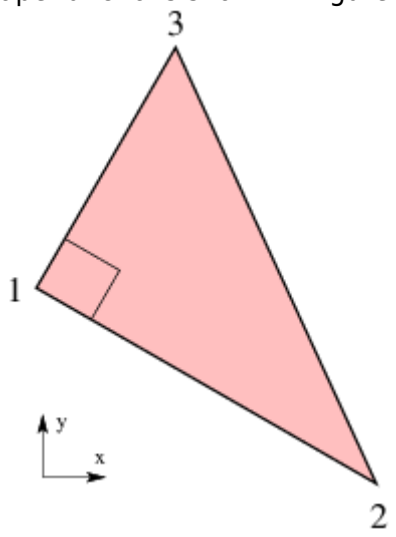
## Programming in Octave/Matlab recap

Below is the list of PDF files with test questions concerning programming skills:

- test1.pdf
- test2.pdf
- test_1_2014.pdf
- test_2_2014.pdf
- test_3_2014.pdf
- test_final_1_2015.pdf
- test_final_2_2014.pdf
- test_final_2_2015.pdf
- test_final_3_2015.pdf
- test_zal_1_2014.pdf

## Miscellaneous problems

1. Calculate term $K_{23}$ of element matrix for FEM discretisation of Poisson problem, using triangular element with linerar shape functions shown in figure below:

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