

# Optimization – Laboratory 7

## Nelder-Mead method

The function in Section 5.3 is given by the number in column **P7** from the status.

### Requirements:

- Choose three initial points and compute the next 3 triangles on paper for *Nelder-Mead method*.
- Draw the obtained triangles and the corresponding notations.
- Implement in MATLAB *Nelder-Mead method* and draw the triangles over the contour plot of the function.