Computer Methods in Engineering
Exercise on the Nelder-Mead algorithm

We will now continue with the same two problems as we had in the exercise for the pattern search algorithm.

Problem 1

Use the Nelder-Mead algorithm to find where in the xy-plane the platform for the CO_2 injection should be located?

Problem 2

Now, use the Nelder-Mead algorithm to find the optimal location for an additional wind turbine. The objective function is the same as in the previous exercise.