Machine Learning II: Assignment #2
14 performance points (max),
email: PDF+code to jan.nagler@gmail.com
due: Tue, October 15, 2019

1. Implement the expectation-maximization method for the generative model
   of the mixture of two Gaussian's in one dimension, as developed in the
   lecture. Demonstrate that your code works for some simple surrogate
   dataset of your choice and design. Plot the final pdf shapes and show
   convergence of parameters by monitoring the values at each step.