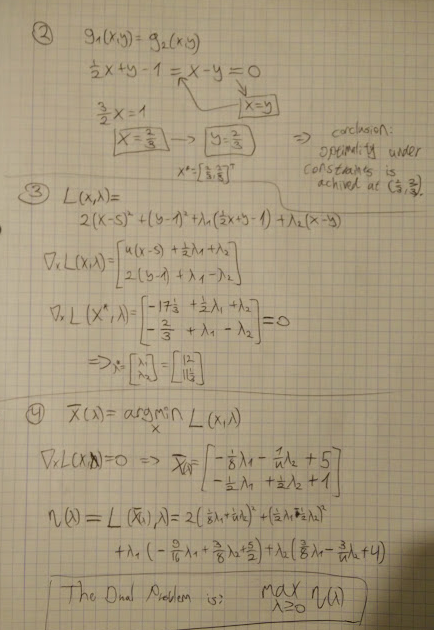
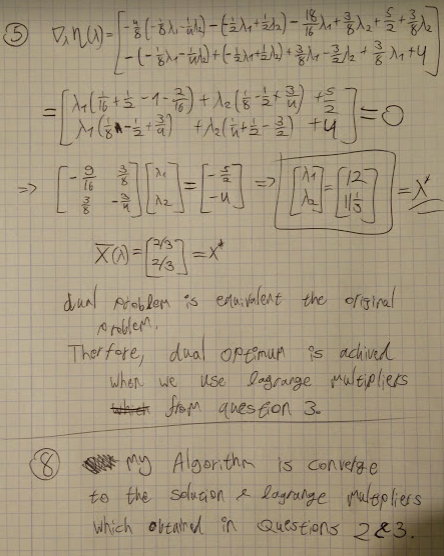


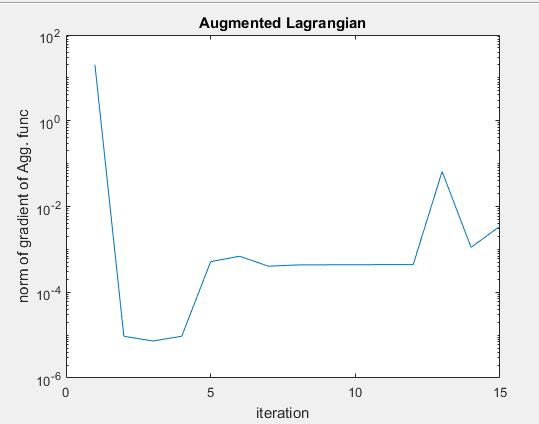
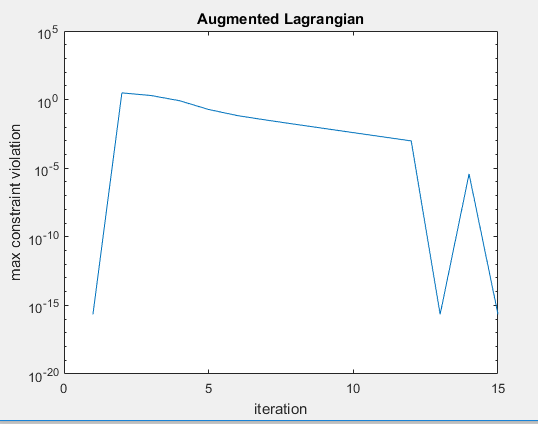
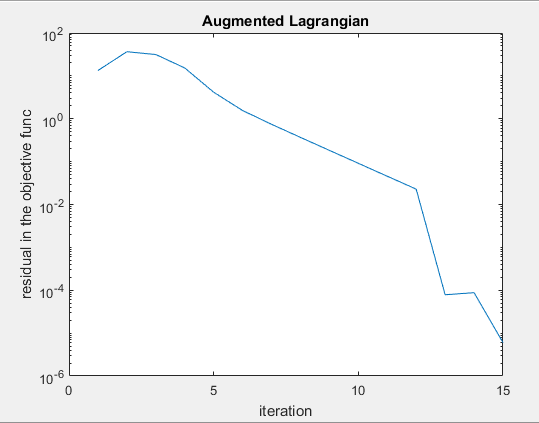
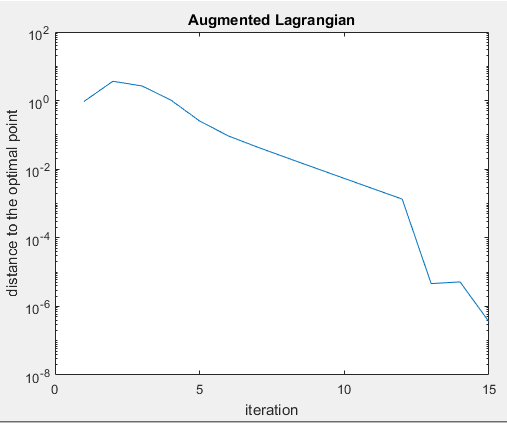
Feasible area and level sets of objective functions.

Optimal point is located at the lowest level set of the feasible area: it is the intersection of constraints 1 and 2.





Semilogs of the Augmented Lagrangian method:

1. Gradient size per iteration
2. Max constraint violation
3. Residual in the objective function
4. Distrance to the optimal point
5. Distance to the optimal multipliers

