EXERCISES 11.2 (submit by 26.06.2015)

1. Using isoclines, sketch direction fields for the following ODEs:

   (a) $y' = \frac{y}{x}$

   (b) $y' = -\frac{y}{x}$

   (c) $y' = y - x^2$

   (d) $y' = x - e^y$.