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| Błażej Michał | Modeling and System Identification **Exercise 0** | Freiburg,23/10/2016 |
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1. Exercise 1
2. Probability density function for a random variable X with normalization constant.
3. Compute the minimizer of convex function

Compute the gradient of the function.

Because function is convex we can compute global minimum by setting the gradient to zero

The only positive solution to equation is equal **.** This point must be a global minimizer.