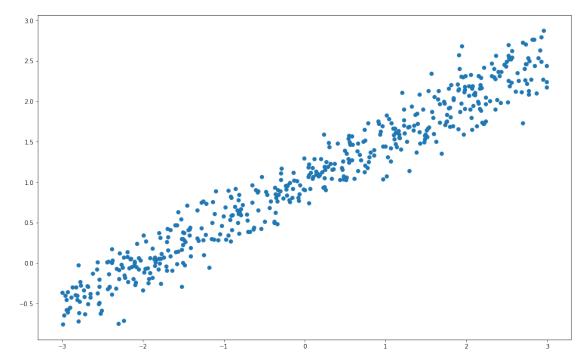
hw1.3

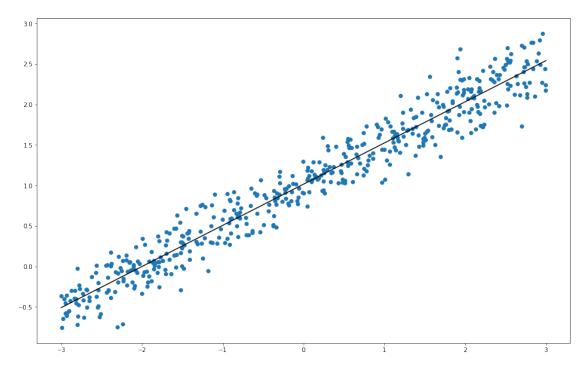
28 февраля 2017 г.

Populating the interactive namespace from numpy and matplotlib

1 Generating sample



2 MSE optimization

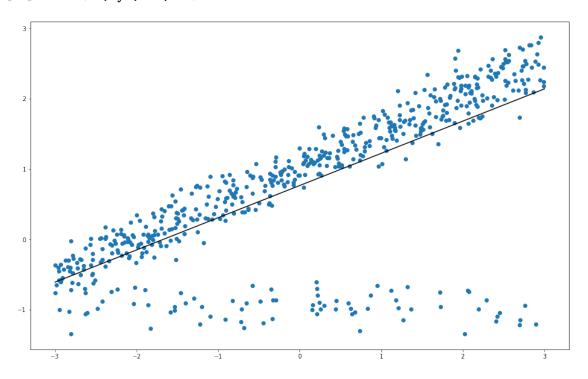


3 Modifying sample

4 MSE optimization on modified sample

 $0.457969322278 \ 0.764998914513$

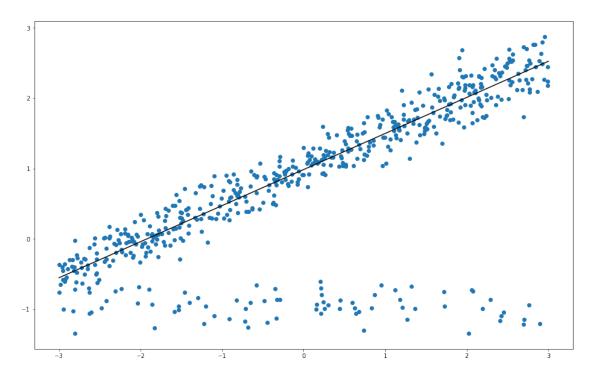
In [12]: draw(x2, y2, k2, b2)



5 MAE optimization on modified sample

0.51309384638 0.985544185779

In [16]: draw(x2, y2, k3, b3)



6 Results

 MAE metric is more robust for outliers than MSE.

In []: