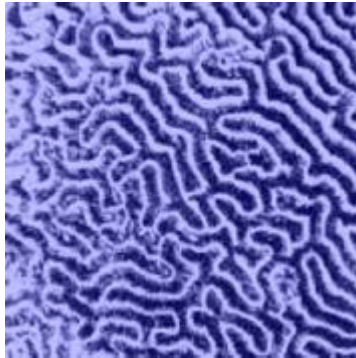We use a texture case to demonstrate the robustness of our dictionary learning method in "demo.m".
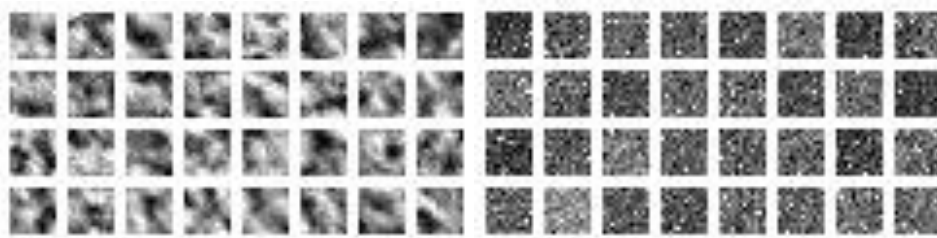

All the trainning samples are contaminated by extremely large outliers. ORDL_train.m is the implementation of Online Robust Dictionary Learning.

dict_demo.m visualizes learnt dictionary atoms.

Here are our result.

Our Result   [Mairal et al. 2010]

If you want to see the result of [Mairal et al. 2010], please download the code from http://spams-devel.gforge.inria.fr/ and put it into Mairal_DL\spams-matlab.