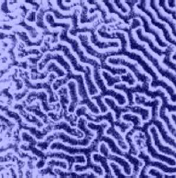
We use a texture case to demonstrate the robustness of our dictionary learning method in “demo.m”.



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.

E:\research_topic\ORDL_code\release\ours_atom.png E:\research_topic\ORDL_code\release\Marial_atom.png

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.