In order to use this code, you first need to install KSVDBox from: <http://www.cs.technion.ac.il/~ronrubin/software.html>

The mentioned codes are provided in this package. For installation, please go through readme files in ompbox10\_OCT and ksvdbox13\_OCT folders.

Codes for OCT denoising are located in ksvdbox13\_OCT and you may use one of the following codes:

ksvddenoiseOCT

denoise\_with\_saved\_dic

ksvddenoiseOCT\_compWav

ksvddenoiseOCT\_compWav\_3D

ksvddenoiseOCT\_compWav\_3D\_learned\_dic

ksvddenoiseOCT\_compWav\_2D\_learned\_dic

For more description, please refer to:

R **Kafieh**, H Rabbani*,* I Selesnick, "Three Dimensional Data-Driven Multi Scale Atomic Representation on Optical Coherence Tomography," *IEEE Transaction on medical Imaging,* 2015; 34(5):1042-62.