

Standard Processing

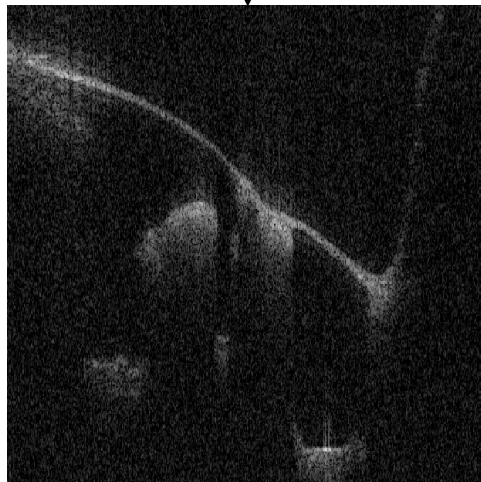
OCT spectrogram data

Hann windowing

1D Inverse DFT

Mean subtraction

Log intensity



Standard processed image

Proposed processing

Mean-subtracted A-lines

Convolutional Dictionary Learning (CDL) of PSF

Learned PSF

Convolutional Sparse Coding (first pass without weighting)

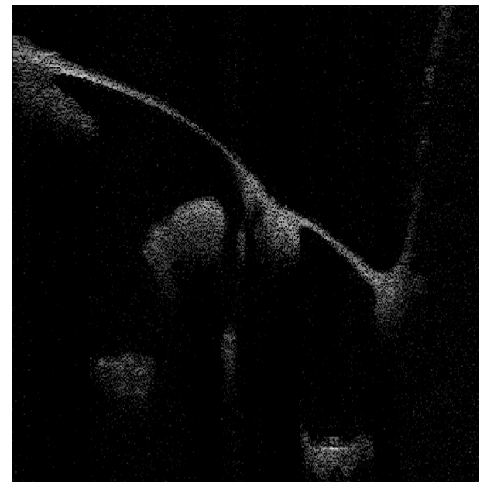
Log intensity

Structural segmentation

Weight mask

Convolutional Sparse Coding (second pass with weighting)

Log intensity



CDL-processed image