

## Suggested papers / topics for EECS 556 projects

J. Fessler, January 17, 2021

These are just suggestions. There are many other good papers on these topics and others!

For an overview of the importance of reproducible research, see [1].

Optical flow methods [2]–[5]

Image registration [6]–[8]

Image denoising [9]–[11]

Image restoration [12]

Blind image deconvolution [13]

Image segmentation [14]

Classification [15]

Sparse representation [16]–[19]

Image reconstruction (CT)

Image reconstruction (MRI) [20]

Dictionary / transform learning methods [21]–[27]

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Here are the papers selected in some recent years. Please select *different* papers for your project!

Papers from W15 [1]–[11]

Papers from W16 [12]–[18]

Papers from W18 [17], [19]–[33]

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