"Wavelets and Sparse Signal Processing" Project Assessment and Grading

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http://min.sjtu.edu.cn/courses/wt.htm

The course project is designed to be assessed by technical report. It is encouraged to submit two independent folders (report and source code) with additive support files. Original and ongoing works relevant to the following topics in the course are desirable:

- Harmonic analysis
- Multi-scale geometry analysis
- Wavelet and Filterbank design
- Compressive sensing
- Sparse coding, representation, dictionary learning
- Generalized source coding, and subband coding
- Multidimensional signal processing
- Other related topics

The reports are expected to be fulfilled by Tex template. The source code can be permitted in Matlab, ANSI C or C++. The target signal could be data, image, video, stereo views, and so on.

The report should contain discussions on how your technical work are related to prior works in the field, overall evaluation on the technical work and prior works, and advantages and disadvantages of the works in performance and practice. It is important to put new work in context, and to provide details associated with the previous works that has appeared in the literature.

The source code should contain all debug and release modes, along with source and output collections.

Due date: 17th, Feb. 2020
Upload: ftp://public.sjtu.edu.cn
User name/Password: fw.key/public
Folder: upload/wavelet/
Note: Upload files should LESS than 20MB.