

Image Denoising via Low-Rank Approximation and Optimal Hard Thresholding

MAT 167 - Applied Linear Algebra

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Overview

1. Theory
2. Easy Application - Kingfisher
3. Hard Application - Medical Imaging

Singular Value Decomposition and Low Rank Approximation

- Test reference [1]

Blocks of Highlighted Text

In this slide, some important text will be **highlighted** because it's important. Please, don't abuse it.

Block

Sample text

Alertblock

Sample text in red box

Examples

Sample text in green box. The title of the block is "Examples".

Multiple Columns

Heading

1. Statement
2. Explanation
3. Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer lectus nisl, ultricies in feugiat rutrum, porttitor sit amet augue. Aliquam ut tortor mauris. Sed volutpat ante purus, quis accumsan dolor.

Table

Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table: Table caption

Theorem

Theorem (Mass–energy equivalence)

$$E = mc^2$$

Figure

Uncomment the code on this slide to include your own image from the same directory as the template .TeX file.

An example of the `\cite` command to cite within the presentation:

This statement requires citation.

- [1] G. Golub, A. Hoffman, and G. Stewart, "A generalization of the eckart-young-mirsky matrix approximation theorem," *Linear Algebra and its Applications*, vol. 88-89, pp. 317–327, Apr. 1987.
DOI: 10.1016/0024-3795(87)90114-5.

The End