

Template for tex notes

Kyle Kloster

July 8, 2016

Abstract

This is just a template with useful macros defined for matrices, e.g. $\mathbf{Ax} = \mathbf{f}$.

Template

$$\mathbf{f}^T \mathbf{L} \mathbf{f} = \|\mathbf{B} \mathbf{f}\|_2^2 \geq \|\mathbf{B} \mathbf{f}\|_1^2 / \text{vol}(\mathbf{f}) = \left(\sum_{u \sim v} |\mathbf{f}_u - \mathbf{f}_v| \right)^2 / \text{vol}(\mathbf{f}).$$

References