Singular Value Thresholding for Matrix Completion

Sriram Ganesan[*]

Nitin Garg
gargn@umich.edu

Jeeheh Oh
jeeheh@umich.edu

Jonathan Stroud
stroud@umich.edu

Abstract

1 Introduction

2 Different Algorithms

2.1 Baseline Algorithm

2.2 Eigentaste

2.3 SMC

2.4 SVT

[1]

3 Results and Discussion

3.1 Jester Dataset

4 Conclusions

References

[1] Jian-Feng Cai, Emmanuel J Candès, and Zuowei Shen. A singular value thresholding algorithm for matrix completion. *SIAM Journal on Optimization*, 20(4):1956–1982, 2010.

---

[*]The names are printed in alphabetical order by last name.