Proposal: A New Convex Optimization Method for Face Recognition based on ADMM

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Abstract

Fast solution methods for face recognition is important for practical use. In this report we propose a new convex optimization algorithm to speed up the recognition task. The algorithm is based on a new formulation based on ADMM.

1   Introduction

Our method is motivated from [SR08].

2   Method

3   Experiment

References

[SR08] Vikas Sindhwani and David S. Rosenberg. An RKHS for multi-view learning and manifold co-regularization. In *Proceedings of the 25th International Conference on Machine Learning*, ICML '08, pages 976–983, 2008.