Title: Auto context and its application to high level vision tasks. [CVPR 2008]

0.1 Summary

0.2 Strengths

1. The algorithm is robust and it could be trained on a large data-set as contrary to the ASM which has erroneous results when applied to a large dataset.

0.3 Weaknesses

1. The estimates that are being used to initialize the algorithm are not explained clearly.

0.4 Ideas

1. Since the algorithm is capable of learning and discriminate across alignment of faces, could this knowledge be used to track similar objects with subtle differences in video sequences that have occlusions.

0.5 Questions/Comments

1. I understand that concavity is important to reach towards a better alignment score. How does the equation 4 explain this concavity?