

Accurate Single View Model Based Head Pose Estimation

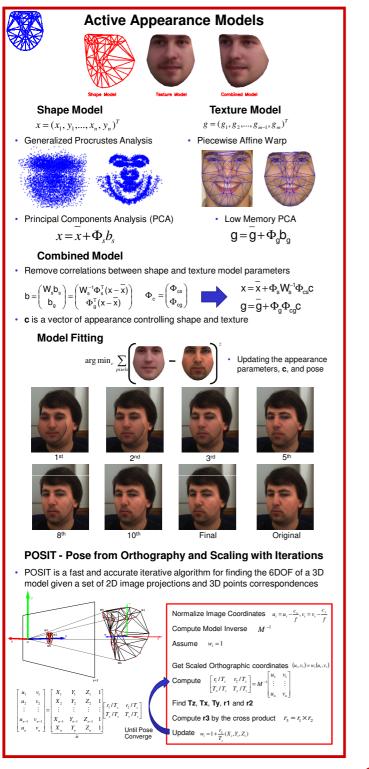
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· Head pose estimation from single view images.

Abstract

- The 6DOF was estimated using Pose from Orthography and Scaling with ITerations (POSIT) where a statistical anthropometric 3D rigid model is used as an
 approximation of the human head, combined with Active Appearance Models (AAM) for facial features extraction and tracking.
- The results show that orientations and head location were, on average, found within 2º or 1 cm error standard deviations respectively.



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