

Online PCA with adaptive subspace method for real-time hand gesture learning and recognition

M Yao, X Qu, Q Gu, T Ruan, Z Lou - W. Trans. on Comp, 2010 - Citeseer

Abstract:-The learning method for hand gesture recognition that compute a space of eigenvectors by Principal Component Analysis (PCA) traditionally require a batch computation step, in which the only way to update the subspace is to rebuild the subspace ...

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F Despinoy, D Bouget, G Forestier, C Penet, N Zemiti... - 2015 - ieeexplore.ieee.org

Abstract—Dexterity and procedural knowledge are two critical skills surgeons need to master to perform accurate and safe surgical interventions. However, current training systems do not allow to provide an in-depth analysis of surgical gestures to precisely ...

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