Abstract

This paper introduces an altogether a new, easy and user friendly approach for detection and tracking of the natural features such as a human finger in its natural form without the use of any added on artificial reference. The natural features are used to stabilize tracking process against external disturbances, noise or any occlusions. This paper emphasizes on integration of various technological concepts offering users a new and cheap way of studying & experiencing user friendly recognition of natural features without the need of any external and expensive hardware or software.

References

- G. Welch, G. Bishop; "SCAAT: Incremental Tracking with Incomplete Information"; Proceedings of Siggraph97, Computer Graphics, pp. 333-344

Index Terms

Computer Science
Automated System
Implementation of Low Cost Human Machine Interface (HMI) using Natural Feature Tracking (NFT)

Keywords
  Natural Feature Tracking  Natural and Artificial Features