Abstract

With the large increase of internet users people are transferring information in many ways. But information protection is still a major issue for the people where different type of intruders is ready to read sensitive information. So contributing this field paper has focus on the information hiding in video frames. In order to hide information, position in the frame object is identified by use of color Histogram method. Here each frame passes through algorithm to filter tracked object from others. As each object has some path in the video and that is totally random, this path is not any algorithm dependent and different for different objects in the video. So one of the implementation of this random path is message sending by hiding text of that data at the respective position. So a normal video act as perfect messenger.

References

1. Hanieh Khalilian, Student Member, IEEE, and Ivan V. Bajic Video “Watermarking With Empirical PCA-Based Decoding” IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 22,
NO. 12, DECEMBER 2013.


5. “CHAPTER 2. WAVELET TRANSFORMS ON IMAGES” sundoc.bibliothek.uni-halle.de/diss-online/02/03H033/t4.pdf


Index Terms

Computer Science Information Systems

Keywords

Digital data hiding, Frame segmentation, Information Hiding.