Interpolation between Two Frames of a Video Clipping

Abstract

The aim is to create an interpolated frame between two given video frames. Interpolated frame is the frame obtained by the calculation of the intermediate pixel positions of two given images. A set of interpolated frames can be generated between the two video frames.

References

- B. -D. Choi, S. -H. Lee, and S. -J. Ko, New Frame Rate Up-conversion Using

- Frame Interpolation and Bidirectional Prediction of Video Using Compactly Encoded Optical-Flow Fields and Label Field Ravi Krishnamurthy, John W. Woods, Fellow, IEEE, and Pierre Moulin, Senior Member, IEEE
- M. Tagliasacchi, A. Trapanese, S. Tubaro , J. Ascenso, C. Brites, F. Pereira: EXPLOITING SPATIAL REDUNDANCY IN PIXEL DOMAIN WYNER-ZIV VIDEO CODING. 2010

Index Terms

Computer Science
Multimedia

Keywords
Frame  Interpolate Image  Out Of Bound  Nearest Neighboring Pixel.