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.