Abstract

In this video compression is done, video is converted into number of frame and over these frame compression algorithm is implemented. In number of frame IWD(intelligent water droplet) algorithm is implemented. On the basis of its implementation, matrices will be generated and by these matrices compressed video will be formed.

References

4. Hamed shah-hosseini 2008 on Intelligent water drops algorithm a new optimization method for solving the multiple knapsack problem
5. H.S. Hosseini 2009 The intelligent water drops algorithm: a nature-inspired swarm-based optimization algorithm
6. W. Chen and Y.-Q. Shi 2009 on Detection of double MPEG compression based on first digit statistics
7. Pooja Nagpal, Seema Bhagla 2011 on Video compression by memetic algorithm
14. Muhammad Aakif Shaikh, Prof. Sagar S. Badnerkar 2014 on Video compression algorithm using motion compensation technique
15. T. Bernatin, G. Sundari 2014 on Video compression based on hybrid transform and quantization with Huffman coding for video codec
17. Priya Rani, Alka Kumari 2015 on A survey on efficient memory in video codec using hybrid algorithm
18. S. Bhuvaneshwari, Dr. T. Gunasekaran 2015 on A review on effective compression in MPEG-4 videos using Markov statistics

**Index Terms**

Computer Science  
Image Processing

**Keywords**

Video compression, Markov, IWD, PSNR, MSE, EPI & SSIM.