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.

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**Index Terms**

Computer Science \hspace{2cm} Image Processing

**Keywords**

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