

## Abstract

Video streaming is a technology where a video from one computer can be played in other computer without must download all file. Before streaming the video, it suggest to compress the video to get faster time in transmission data. MPEG4 part 2 and MPEG4 part 10 are two compression methods that good for video streaming. Both methods are good for video streaming because it can handle compression video at low bitrate.

The simulation and analysis in this book are to know the advantages and disadvantages of MPEG4 part 2 and MPEG4 part 10 for compression video on video streaming. The parameters which measured to compare both methods are ratio compression, PSNR, delay, RTP packet size and packet loss.

Based on simulation result, show that MPEG4 part 10 has better quality than MPEG4 part 2. MPEG4 part 2 produces little video file size than MPEG4 part 10 at same bitrate.

**Keywords** : download, streaming, video compression, PSNR, bitrate, delay, packet loss.