ABSTRACT

H.264/AVC is one of kind video coding. This standard coding gives some benefits than another standard coding that has been exists before. One of them is *deblocking filter* that haven't yet belonging by others.

Observe in this final project will done while some *deblocking filter* parameters had modified. Modification by changing the combination of *filter offset A* and *filter offset B* in H.264/AVC *encoder* by *software* JM 12.4

After the best combination had got, the research continued by measure of performance while the videos have streamed over Internet. The videos which conclude are videos with *deblocking filter* in the best combination of *filter offset A* and *filter offset B,* videos with *deblocking filter* in default setting, and videos without *deblocking filter*.

By getting the correct combination of *filter offset A* and *filter offset B,* also getting the measurement result of video performance while streamed, some expect of enjoy H.264/AVC video better can realize.

Keywords: H.264/AVC, *deblocking filter, filter offset A, filter offset B, streaming over Internet.*