

Available Online at www.ijcsmc.com

International Journal of Computer Science and Mobile Computing



A Monthly Journal of Computer Science and Information Technology

ISSN 2320-088X

IJCSMC, Vol. 3, Issue. 3, March 2014, pg.873 – 878

RESEARCH ARTICLE

Analysis of Integer Transformation and Quantization Blocks using H.264 Standard and the Conventional DCT Techniques

Priyanka P James¹, Chirappanath B Albert², Inbanila.K³

Christ University, Bangalore, 60

priyankajames1989@gmail.com

albertbazil@gmail.com

inbanila.k@christuniversity.in

Abstract:-

H.264 standard, transformation is a technique of converting the image samples into elementary frequency components. Integer Transformation helps in removing redundant data from an image and involves only real components and quantization reduces the precision of transform coefficients. H.264 is a lossy compression format because of Integer Transformation and Quantization. This paper deals with the understanding and the analysis in the reduction of complexity of integer transformation and quantization blocks using H.264 and the conventional techniques.

Keywords —H.264 standards, Quantization, Compression, Integer Transformation

Full Text: <http://www.ijcsmc.com/docs/papers/March2014/V3I3201499a44.pdf>