



# DWT based color image watermarking: a review

Kaiser J. Giri<sup>1</sup> · S. M. K. Quadri<sup>2</sup> · Rumaan Bashir<sup>1</sup> · Javaid Iqbal Bhat<sup>1</sup>

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## Abstract

In today's knowledge driven society and technology driven economy, when data is considered to be one of the most important corporate resource of an organization, equally important is the security of the same to prevent unauthorized users to access and manipulate it. Watermarking being an appropriate solution for claiming authorization has prompted many researchers to work in this direction and accordingly a substantial amount of research work has been done using different schemes on various media types. The main impetus in writing this paper is to provide a broader view as how much work has been carried so far and what are the different dimensions that have been taken into consideration to watermark color images using discrete wavelet transformation. The paper will help prospective researchers to gain more insight about the work that has been done and pave a way for them to design and implement better techniques.

**Keywords** Copyright protection · Digital watermarking · Discrete wavelet transformation · Robustness · Security

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✉ Kaiser J. Giri  
kaiser.giri@islamicuniversity.edu.in

S. M. K. Quadri  
quadrismk@hotmail.com

Rumaan Bashir  
rumaan.bashir@islamicuniversity.edu.in

Javaid Iqbal Bhat  
javaidonnet@gmail.com

<sup>1</sup> Department of Computer Science, Islamic University of Science & Technology, Awantipora, J & K, India

<sup>2</sup> Department of Computer Sciences, Jamia Millia Islamia, New Delhi, India