Abstract

The Image enhancement techniques is to improve a characteristic or quality of an image such that the resulting image is better than the original. The color image enhancement methodology uses an automated way of target Image generation is Proposed here. The method is a simple color image enhancement technique where the range(the gamut) of R,G,B channels is optimally preserved. Target image with highest histogram correlation are used for image fusion. The maximum possible Enhancement is achieved using a Hyperbolic tangent activation function or tanh. The proposed method has been compared with Raji at el method given in the literature. It is a new quantitative validation approach to identify visibility loss problem that may occur during enhancement.

References


Index Terms

Computer Science  Image Processing
Keywords

Enhancement, Target Image, Fusion, visibility loss.