

# **Combining multiple tone mapping for HDR image**

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## **Abstract**

This paper presents compositional of tone mapping for high dynamic range images. High dynamic range image produces from multiple captures with different exposure times. However, Normal display devices cannot display the entire range of tonal of high dynamic range image. The proposed a tone mapping method for preserving detail in high dynamic range images using a luminance map and bilateral filter, and color correction. Experimental results show that the proposed method can preserve details and achieve natural color reproduction.

Keywords: High dynamic range, low dynamic range, tone mapping, tone reproduction