Abstract

Detecting fire in the image is the recent research area in image processing. Fire causes damage to the environment, forest eco-system, economy and devastation to life and property. Identifying fire in the early hours helps to decrease the damage and rescued from the risks. Traditional fire detecting methods are less capable to detect fire perfectly. Computer vision based methodologies has more reward on conventional algorithms in terms of accuracy and false alarms. Color models plays major role in recognizing fire pixels in the image. This paper portraits the implications of different color models employed in fire detection.

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Implications of Color Models in Image Processing for Fire Detection

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