

Techniques for Showing Movement in Digital Photography

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Abstract:

Among the arsenal of creative styles of the photographer, we cannot overlook the multiple artistic effects that the movement of subjects in the image allows to appear, which appear as color brush strokes on canvas. Shots with long exposure times do not just capture a moment. Movements of things or people are blurred and seem to flow through time. Depending on whether we expose for a few seconds or several days, we can capture moving clouds, flowing water, or the wilting of a flower. For the human eye, this suddenly reveals connections that were hidden before. There are many techniques used to show movement in digital photos, some of which depend on the stability of the camera during exposure: such as star trails. and the other depend on moving the camera during exposure: such as panning. Implementing each of these techniques in an optimal manner requires good planning of the expected movement shape before shooting, as well as controlling many elements during filming. **The research problem** is how to adjust the composition, clarity, exposure and shutter speed, in addition to maintaining the sharpness of the details of the fixed parts in the composition and get rid of the noise resulting from long exposure times. Therefore, **the research aims to** find out how each of the showing movement techniques in the digital photo is implemented, to achieve accuracy in composition and control of clarity and exposure, while obtaining the desired effect from showing movement in the still image. The research follows the **analytical descriptive approach** by studying the techniques of showing movement in the digital photo, to determine the optimal way in which each of these techniques is implemented to obtain the desired effect of showing movement in the still image.

Keywords:

Digital Photography, Movement Blur, Long Exposure, Star Trails, Drawing with Light, Light Trails, Tossing the Camera.