

دور إعدادات الكاميرا في خبرة الانغماس أثناء مشاهدة السينما المجسمة
**The role of Camera in Immersion Experience during Viewing
Stereoscopic Cinema**

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Abstract:

When you make a 3D film (stereoscopic film), you change completely the visual experience, and tell a story through radically different visual medium.

The whole idea of stereoscopic cinema centered on illusion of depth to create more realism, that realism helps viewers to immersion in movie world .

Camera settings are one of the cornerstones of stereoscopic cinema aesthetics because it changes spatiality of the film which directly affects the illusion of depth, and thus sense of realism, for example the camera angle changes the spatiality of the film, the camera movement reveals the visual information in the scene and gives more attraction and depth and reflect the spirit of the place.

But there are Questions are always raised, such as , the viewer experience during watching stereoscopic cinema , the camera contributes to the viewer's depth perception on the one hand, but it offers a tremendous amount of visual information that make him under control of the attraction and seduction of film. That is lead to the question, does this cause loss of emotion and communication with the film world? or create more sense of immersion and presence in the world of film?

The research discusses the role that camera plays in creating illusion of depth in stereoscopic cinema , concerned with depth in the first place ,in addition to Technical and aesthetic challenges facing the film makers during the employment of these settings and the impact on the viewer immersion .

Key words: stereoscopic cinema - immersion - viewing experience - camera angles - camera movement - virtual camera - focal length - field depth - depth perception.