

Effect of Light Techniques on Contemporary Sculpture Art''

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Introduction:

Technology is an important component of the components of the creative process and the relationship between it and art is old since the beginning of man on earth, where art is the result of interaction between man and society, technology affects the thought and philosophy of the artist as it develops the experimental aspect in his works, which led to a great development in the forms of painting, sculpture and photography, or in other words in the arts in general. Many of the scientific and technical developments have been achieved during the nineteenth century and the twentieth century inventions, and the scientific, the psychological discoveries and the formative creativity were influenced by this technological thought. The field of vision and the role of cognitive perception have expanded as well as the Sensory and visual perception of the artist, and thanks to the non-traditional technological media, which influenced through modern technologies, influenced the sculptural creative thought and the development of technical concepts and the addition of new formative values imposed by scientific and technological progress, it assured to the artist his opportunity to innovate and experiment freely.

The technological influence appears in the artistic movements, which is the most prominent is the idea of light analysis through the prism, that the vision of the form is done from different angles, and then the idea of visual deception emerged, where light in its technical meaning is the light that helps to highlight the characteristics of the objects and their nature and increases its clarity as it gives us a sense and touch of shapes and translates the sense of the body , shape and space, and cancels the mixing between them, light is an important aspect of the design work, which is related closely to its vital nature and the important aspects it achieves at various levels, it's natural and synthetic types is a fertile field for research and studies.