

دور علم الفلك في التصوير الإسلامي للنجوم و رموزها الفنية "دراسة لإثراء مجال التصميم"

The Role of astronomy in Islamic Painting of stars and their artistic symbols

"A study to enrich the design field"

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Abstract

In the history of the astronomy, Islamic astronomy or Arab astronomy refers to the astronomical contributions made in the Islamic world, especially in the Golden Islamic Era, ages 8-15, often written in Arabic. Most of these contributions occurred in the Middle East, Central Asia, Andalusia, North Africa and sometimes in the Far East and India. Like other Islamic sciences, astronomy was created by assimilating foreign materials and integrating the disparate elements of those materials to find a science that suited the characteristics of Islam. These foreign materials were in the works of the Sassanians, Hellenists and Indians, who were translated and grouped together. In contrast, Islamic astronomy had a clear influence on the Byzantines, Indians, Europeans and Chinese.

Where Islamic art played an important role in the advancement of astronomy through the production of manuscripts, which were always provided with illustrations and illustrations and by the Muslim artists work and decoration of applied products that rely on astronomical knowledge.

This research deals with the study of the pictorial scenes drawn by the artist on the manuscripts and the translation of the images of stars and planets in astronomy and its description and analysis of the artistic and design aspects of the manuscripts included human and animal drawings and superstitious objects as well as geometric and vegetal motifs. Things looked at the sky and its stars and observed the close relationship between earth and heaven and began to translate it through those Painting.

The aim of this research is to clarify the characteristics that characterize these drawings as they were drawn on an astronomical document, where the artist took into consideration the original purpose of drawing, which is the monitoring of the heavenly bodies and their components, thus releasing the artist's hand to a great extent in showing his abilities as shown in those Painting.

The researcher's interest in studying the current research and its use in the analysis and clarification of the artistic features of the Painting of stars and the philosophical dimension of the role of astronomy in Islamic Painting, which is the problem of the current research:

Research Problem: Is focused on trying to take advantage of the philosophical dimension of the role of astronomy in the Islamic Painting of stars and symbols and their artistic features to enrich the design field.

Research Importance: Knowledge of the relationship of astronomy with Islamic manuscripts and the most important manuscripts that meant the Islamic Painting of stars.

Research goals:

- 1- This research aims to study the scenes of the stars that the Muslim artist drew on the manuscripts.
- 2- Identification of artistic features and design factors that contribute to enrich the design through shape and color.
- 3- Discover new dimensions of the role of astronomy in the Islamic Painting of stars and their symbols and artistic use in the design.

Research Methodology: Current research follows the descriptive and analytical approach.

- Conclusion Research results and discussion.

Keywords:

- Islamic Painting – Astronomy - Arts Symbols – Stars - Planets.