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Inspiration of Typographic Designs for Gift Boxes from the Creative Features of Islamic Art and Al-qat Al-asiri Art Using Artificial Intelligence Programs

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Abstract

Design is to choose a set of elements of lines, shapes and colors and organize them in an innovative way. Among the forms of motifs (Islamic - Al-Qat Al-Asiri art) they are organized in a way that serves the shape to produce innovative designs for gift boxes. Here, the importance of research in rooting the shape of gift boxes appears with design ideas derived from the spirit of Islamic art and the art of the cat. Al-Asiri, as well as contributing to the revival of heritage through printing gift boxes, as well as showing the aesthetic values in the vocabulary of Islamic art and the art of the Asiri cat, and its role in enriching the printing of designs for gift boxes. The research problem lies in the following question. How can typographical designs for gift boxes be inspired by the creative features of Islamic art and Al-Qat Al-Asiri art using artificial intelligence programs?

Keywords- *The creative features of Islamic art - the creative features of the art of the Asiri cat drawing with artificial intelligence.*

Introduction to Research

Artificial intelligence is programs used to produce innovative works of art, and "the science of artificial intelligence is concerned with cognitive processes, and the researcher uses the intelligence that humans use to perform actions that we consider intelligent, and these actions differ significantly in their nature " (Ahmed Mahfouz Abdo Al-Sheikh, Application of artificial intelligence in designing women's clothing fabrics, published research, Journal of the Faculty of Applied Arts, Helwan University, p. 132) Artificial intelligence programs were used to create designs inspired by Islamic art, which is characterized by geometric and floral decorations based on engineering theories and sciences, which produce beautiful designs that fit and are consistent with the art of the Asiri cat, which is characterized by its beautiful decorations with beautiful colors derived from the surrounding environment of mountains, sand, and rocks.

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Islamic art and art merge. The Asiri cat produces designs that are characterized by authenticity and contemporaneity. Therefore, the researchers found that by drawing inspiration from Islamic art and the art of the Asiri cat to decorate gift boxes, the problem of the research lies in the following question.

How can print designs for gift boxes be inspired by the creative features of Islamic art and the art of the Asiri cat, using artificial intelligence programs?

Search Goal

Finding different solutions to arrive at contemporary designs for printing gift boxes, inspired by Islamic heritage decorations and the art of the Asiri cat, combining authenticity and contemporaneity.

-Revealing the creative features of Islamic art and the art of the Asiri cat by drawing with artificial intelligence to create printing designs for gift boxes?

Research Importance

- Rooting the shape of gift boxes with design ideas derived from the spirit of Islamic art and the art of the Asiri cat
- Contributing to reviving heritage by printing gift boxes
- Showing the aesthetic values in the vocabulary of Islamic art and the art of the Asiri cat and its role in enriching the printing of designs for gift boxes.

Search Hypothesis

The vocabulary of Islamic art and the art of the Asiri cat can be utilized to enrich designs with artificial intelligence that achieve integration between aesthetic and functional form.

Theoretical Framework

Islamic art appeared in the Arabian Peninsula in the east and west of the earth, and it was an art that appeared in the Islamic era. In all these areas, he bears the character of the country to which he belongs ⁰These arts were mostly concentrated in architectural art(<https://mawdoo3.com>) which Muslims used in decorations and wall decorations.

And windows, in addition to the art of sculpture, especially on metals and ivory. This art was a cultural guide to Muslims at that time, more than a religious one. The conquerors were influenced by the arts of the conquered countries, but they excluded from them what the religion rejected, and what did not agree with their taste, and they refined it in their own style, and added He has the art of Arabic writing inspired by the center of the Arabian Peninsula, the place where the Islamic religion began



Examples of Islamic Art Decorations

<https://ar.wikipedia.org/wiki>

The Asiri cat or engraving or zayan, is one of the abstract arts that originated in the Asir region in Saudi Arabia. Women do it to decorate their homes, where different proportional geometric patterns and designs are chosen to create layers on top of each other, in which many lines and drawings are formed for each one. The Asiri cat, or engraving, or zayan, is one of the abstract arts that originated in the Asir region in Saudi Arabia. Women do it to decorate their homes, where geometric patterns and different designs are chosen in proportion to create layers on top of each other, in which many lines and drawings are formed, each of which has its own term, and then they are colored with a number of colors. Colors such as black, blue, red and yellow, and it is an art that has been included on the UNESCO Intangible Heritage List since December 9, 2017 (<https://upload.wikimedia.org/wikipedia/ar/8/80/%D9%81%D8%A7%D8%B7%D9%85%D9%85>) The Asiri cat art is considered an ancient heritage art in the Asir region in southern Saudi Arabia. It specializes in decorating homes from the inside and is performed by women. While the man is responsible for building and maintaining the house from the outside, the woman of the house is responsible for decorating it from the inside, as she draws harmonious shapes on the walls of the room in bright and attractive colors. This art was a reason for women to gather and help in drawing decorations, and the housewife would draw preliminary lines for the decorations and put colored dots representing the color of each part, so that her relatives and friends would come and help her in drawing and coloring the decorations and shapes.

(<https://upload.wikimedia.org/wikipedia/ar/8/80/%D9%81%D8%A7%D8%B7%D9%85%D9%85>)



Artist Fatima Abu Qahs " and the color of the Asiri cat appears behind her <https://upload.wikimedia.org/wikipedia/ar/8/80/%D9%81%D8%A7%D8%B7%D9%85%D9%85>

The Asiri cat, or engraving, or zayan, is one of the abstract arts that originated in the Asir region in Saudi Arabia, which women do to decorate their homes. Different proportionate geometric patterns and designs are chosen to create layers on top of each other, in which many lines and

drawings are formed, each of which has its own term, and then they are colored with a number of colors. Such as black, blue, red and yellow, and it is an art that has been included in the unesco Intangible Heritage List since December 9, 2017.

Research Question

How can print designs for gift boxes be inspired by the creative features of Islamic art and the art of the Asiri cat, using artificial intelligence programs?

Theoretical Framework

Islamic Art

Design is the selection of a set of elements of lines, shapes, and colors, and organizing them in an innovative manner. The forms of decoration (Islamic - Asiri cat art) are organized in a way that serves the form to produce innovative designs for gift boxes. The importance of research in rooting the shape of gift boxes with design ideas derived from the spirit of Islamic art and cat art appears here. Al-Asiri also contributes to reviving heritage through printing gift boxes, as well as demonstrating the aesthetic values in the vocabulary of Islamic art and the art of the Asiri cat and its role in enriching the printing of designs for gift boxes. The research problem lies in the following question.

How can print designs for gift boxes be inspired by the creative features of Islamic art and the art of the Asiri cat, using artificial intelligence programs?

The Research Aims to

- Finding different solutions to arrive at contemporary designs for printing gift boxes, inspired by Islamic heritage decorations and the art of the Asiri cat, combining authenticity and contemporaneity.

-Revealing the creative features of Islamic art and the art of the Asiri cat by drawing with artificial intelligence to create printing designs for gift boxes.

Practical Applications

First Work

It consists of designs for each side of the box. After that, Assyrian art was combined with Islamic art to marry civilizations, and this shape was produced loaded with the aesthetic values of Islamic art and Assyria art







The Final Form

First Work

Program Used: Picsart

Decorative elements: Islamic and Asiri decorations

Final Form: Box

Description of the work: Motifs from Islamic art and Asiri motifs were combined to produce the work with a fusion of the motifs with each other, and we find consistency in the colors.

Second Work



Final Work

Second Work

The Software Used: Picsart

Decorative elements: Islamic and Asiri decorations

Final Form: Box

Description of the work: Motifs from Islamic art and Asiri motifs were combined to produce the work with a fusion of the motifs with each other, and we find consistency in the colors.

Research Results

Shapes of gift toys inspired by Islamic and Asiri art were created using artificial intelligence programs

Producing shapes of gift toys inspired by Asiri art in a modern style.

The study hypotheses were achieved by producing shapes of gift toys based on drawing techniques using the Picsart program

Recommendations

Encouraging inspiration from Asiri art to enrich the heritage of southern Saudi Arabia.

Diversity in integrating different motifs from Islamic art with Asiri art to enrich artistic works

The importance of creating forms of gift toys that combine heritage arts

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