

Aesthetic Values of the Art of Cartography to Enrich the Printing Hangings

Dr. Hanan taha ismail ahmed

Lecturer Faculty of specific education Tanta university

Hanan.ahmed@sed.tanta.edu.eg

:Introduction Research

Nature - including the forms, existing creatures, and elements that it abounds in its structure and system - is based on the principles and rules placed down by Allah - May He be exalted and glorified - which are considered the most significant essential sources that provide artists with different types of ideas and works of art and considered the first inspiration.

Research problem:

The problem of the research is to ask; "To what extent can the aesthetic values of the art of cartography be used to enrich the printing hangings?"

- What are the aesthetic values of the Art of Cartography that can enrich the Printing hangings?
- What are the plastic capabilities that can be obtained from merging different printing methods using the aesthetic values of cartography art?

Research aims:

- Identified to benefit from aesthetic values of the art of cartography to enrich the printing hangings.
- Take advantage of the enormous plastic capabilities that result from the combination of different printing techniques.

Research importance:

- Shedding light on the art of cartography as an entry point for creating designs for printing hangings.
- Finding non-typical plastic and sensible solutions through the combination of different printing techniques.

Research hypotheses :

- 1- It is possible to benefit from the aesthetic values of the cartography art to enrich the print hangings.
- 2- The possibility of obtaining a variety of plastic capabilities through the combination of different printing methods.

Research terms:

Aesthetic values:

It is a set of standards and aesthetic foundations associated with composition and its plastic elements, specially organized to be a tool for visual expression of the meanings and ideas that

the plastic artist wishes to express and convey to the viewer through his artistic work. These values are represented in unity, rhythm, balance and proportion.

Cartographer Art:

It is the science and art of cartography, and makers of the map call it cartography, which is a Latin word consisting of two syllables “carto” meaning map and “graphia” meaning drawing, and the term cartography appeared in ١٨٤٩ AD.

Hanging:

Hanging refers to “everything that is hung from top to bottom”.

Research Methodology:

This research is followed by:

The descriptive-analytical approach: Through the description and analysis of the aesthetic values of cartography.

Experimental approach: Through artistic and applied experiments based on aesthetic values of cartography.

Theoretical framework:

Nature as a source of creativity and artistic inspiration:

Nature is the main source for the designer, as it contains an endless repertoire of various design elements such as lines, spaces, shapes, textures, colours and space, and others. These elements are characterized by a permanent change in their visible appearance according to the variables that happen in nature, but they are governed by the eternal law of nature for growth.

Art of cartography:

Art of Cartography; as it is an art and a science, and one of its most significant principles is the study of the specific aspects of the place and its various relationships with humans. However, the components of this art are represented in the map, global positioning system (GPS) and radar images.

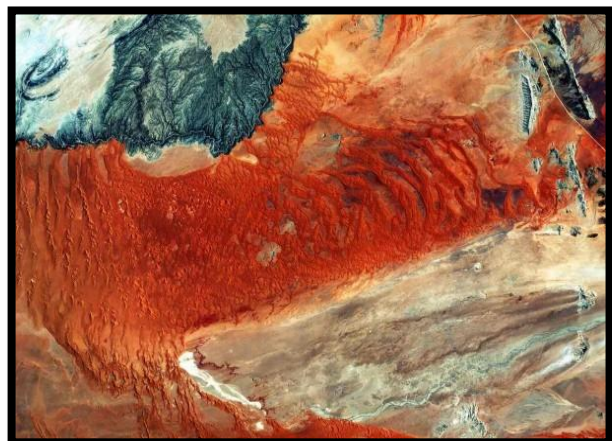
Check the aesthetic values of the art of cartography.

Extent to check the unit value:

Unity arises from the sense of perfection, and perfection stems from the consistency between the parts.

(١)

Check unity by texture
Natural landmarks appear in central and western Namibia.



(https://almandab.com/storage/app/public/files/articles/2021/04/03/file_2021-04-03-21-44-22_6068b7862c2cf.jpg)

The extent to which the equilibrium value is achieved: Balance achieves a sense of psychological comfort when looking at it.

(٢)

Shows three watersheds along the Mississippi River



https://eoimages.gsfc.nasa.gov/images/imagerecords/90000/90522/mississippi_oli_2016336_lrg.jpg

The extent to which the percussion value is achieved:

We see examples of rhythmic succession in nature, such as the phenomenon of tides in the seas, and also found in the images of our planet that NASA provides us with and taken by satellite

(٣)

The chromatic rhythm was achieved in light and dark shades of the Kalahari Desert in Namibia



<https://eros.usgs.gov/sites/eros.usgs.gov/files/imagegallery/2054.jpg>

The extent to which the value of proportionality is achieved:

The language of proportionality is an analytical language that shows quick, clear and accurate results about the value of the parts in relation to each other and in relation to the formation of the whole.

(٤)

Shows the sand sea in Namib



https://eoimages.gsfc.nasa.gov/images/imagerecords/148000/148464/yukon-kuskokwim_oli_2021149_lrg.jpg

The first artwork

Work dimensions: ٤٥x ٧٠cm

Material Type: black suede fabric

Analysis

The design of the artwork

It is an image of a map of the sand dunes cartography - Western Australia.

The work was carried out using opaque pigment paste, where the batik printing style and silk hair were combined with the underlying kinetics of it.

The third axis: Artistic and aesthetic values

- This work included a set of artistic and aesthetic values, which was represented in achieving rhythms in the movement of the cross and interlocking lines, where the various spaces give a distinct kinetic rhythm.

- The chromatic rhythm checks the shades of colours between light and dark.

It achieved the tactile values that appear in a rhythmic and harmonious way in the artwork as a whole.

The second artwork

Work dimensions ٥٠x ٥٠cm

Material Type: Cotton Canvas

Analysis

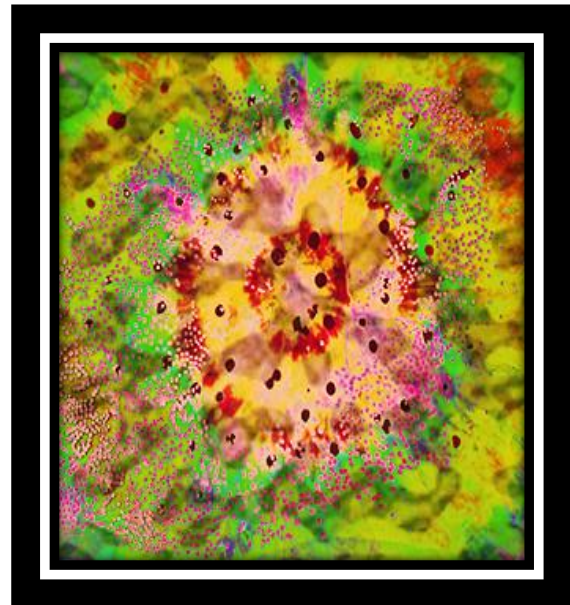
The design of the artwork

It is a picture of cartograph map of the Namibian desert.

Plastic construction uses transparent pigment paints; Where the methods of bonding and dyeing and silk screen were combined, and bonding and dyeing were used to make a radial central focus that achieved unique values and effects, and silk screen was used to print some effects with the point element to confirm the centre of radiation.

The radiative balance was achieved around a central point in the design and was confirmed by

using different colour spaces and densities of points whose ends fade and are distinguished by their merging with the floor, which gave the viewer a sense of extension and spread, while the design focus gives a sense of depth, and the combination of two printing methods has achieved harmony among the parts of the work.



References

Jessie Colson: Oxford Illustrated Dictionary University press. 1965.

Yasmine Fawzy Abdel-Azim: "Philosophical and Aesthetic Concepts of Cartography as an Introduction to Creating Formative Visions in Contemporary Photography" Faculty of Art Education - Helwan University – ٢٠١٩.

Comprehensive Scientific Encyclopedia: "Earth and Universe Sciences" Illustrated General Knowledge Series - Dar Al-Fikr - First Edition - Lebanon – 2012

Juma'a Muhammad Dawood: "The Introduction to Maps, Makkah Al-Mukarramah, Kingdom of Saudi Arabia – 2013.

Adolf Luther: "Trends of the Constructivist Movement of (Stuttgart) Artists" Handbook of the Egyptian Ministry of Culture - Akhenaten Hall - Cairo – 1989.

Robert Gillam Scott: "The Foundations of Design" translated by Muhammad Youssef - Dar Al-Nahda Al-Arabiya - Cairo - Second Edition – 1968.