

## Energy of Form and Color Islamic art and its impact On Modern European art

Assist. Prof. Dr. Hussam Abd Elqader

Assistant Professor, Department of Painting - Faculty of Fine Arts - Helwan University

[drham1970@gmail.com](mailto:drham1970@gmail.com)

### Summary:

Science of energy is one of the most important ones that affect man's mind and thought, especially artists whether in the past or modern times, as, it affects humans' life and movement. Energy has attached everything around positive or negative energies. Forms, Colors are the most things that give man energy whether this form is (triangle, square, rectangle, circle...) or irregular (folds, cloth's Plaits, forms of Plant and animal) or dimensional such as (ball, cylinder, cone...). Also colors, cold or hot, light or dark- which greatly contemplates the masterpiece cues of Islamic Art. Architect find astronomical reflections in its geometric forms, arts of Arabic calligraphy, and tartan decorations, and there is a relationship with stars and planets inside "the milky way galaxy" which is the material used in the minaret of Ahmed ibn Toulon, the curved one. As it reflects the Circulation of earth around the Sun against the movement of the clock that is coincides to the circulation of electrons around the nucleus, and also roving of pilgrims around the Kaaba in order to prove the unity of all people. These geometrical roles which uncovered the ratios of aesthetics in natural creation, which is called "the golden ration" containing the ratio of part to part, part to whole (ratio between rectangle latitude and longitude: 1.618033. it's one of the accurate ration easing the eye and forming one of the important criteria of beauty in nature. It has appeared and is achieved in forms of human, Plant, and animal equally. So, the artist along ages has inspired his/her geometric icon in decoration and formulation.

---

Golden Ratio: It's Called Rhi Derivative from the Latin Letter then the golden rectangle yields a golden ratio when it is dissected into small rectangle and square in which the sides of the two rectangles resemble each other (symmetrical but not equal).

Doubtless, the European art in the age of renaissance functioned this percentage besides sciences of anatomy and perspective until it became the principal reaching to impressionism along with the appearance of the logic of transformation of forms in drawing that accentuated aesthetics on the artistic product and aesthetical dimensions that were being contained with the masters of modern art but were indifferent for human thought. Depending on unity notion is the origin of form and formations in Islamic art in which it contains in its conception the presence of the part with the whole and the reflection with the origin and the absence of dimensions without full dimensions. Also, these formulations convey with their various forms and colors spiritual expressionistic energy that inspired all the world's art either by quoting directly or passing the same wow and benefiting their rules and philosophy. With the Spread of the 20<sup>th</sup> century, the energy of geometric forms, their colors and modes of formulations became an artistic excitant leading to artistic revolution in the modern European art, especially with the appearance of philosophers such as "Henry pergson and Bendito crochet" and their discussions for artistic thoughts and visions, then the western artist spread out in the same route in order to get free from the tight tangible frame into a wider one for the purpose of opening up to the

absolute reality until the European art became more near to the soul of the Islamic art in meaning and concept. This has been materialized in neglecting the surface features of the silent and vital forms and approaching into what is hidden under the clothes and reaching contents and facts that made it gradually closer to abstract and its philosophy.

### **Keywords:**

Islamic art, modern European art, energy form, color energy impact, Influence.

### **Research limitations:**

analytical study for some works and some trends of the Islamic art and some trends of the modern European art.

### **Research Methodology:**

Comparative analytical method.

### **Research problem:**

the artwork in Islamic art doesn't depend on limited data, rather there are clear indications of harmony with its nature, directly or indirectly, which prompted most European artists to take advantage of these aesthetics.

- Clarify the role of the rhythm of shape and color, it occupies a position among the interior textile components of the artwork, it generates tangible or intangible energy from it, it pushes the recipient to rest and calm as a result of the aesthetic and secrets of the artistic achievement in form and content.

- The external form of Islamic art unites with the content, which is embodied inside the action, as result is generated by the visual balance and color in the viewer's eye.

### **Importance of the Study:**

it pursuits the transformation of the geometric form based on the geometric relationships in both Islamic and modern European arts. The approximating between religion and philosophy with its mathematic logic and language of numbers. Acknowledging the aesthetical dimensions of the geometric form of its energy that might affect the eye and intellect of the watcher. Color energy in the ethical design of the artistic works that convey symbolic and expressionistic traits. Energy is defined in the physical terms, it is the ability to do work, it includes types of physical energy and its various transformations like thermograph , chemical ,electromagnetic ,mechanical and nuclear .the term energy was used to denote inspiration and activity ,it may be commonly used in field of experimental sciences, which can be measured and tracked by known scientific methods, another type is called subtle non-physical energy or cosmic energy, which is related to eastern medical applications, which has a physical relationship ,they are based on general perceptions, shapes, the universe and life, and humane attempts to realize the unseen and explain what is behind the shapes and phenomena, therefore, scientists called it living energy ,who they believe there is widespread in the universe ,it is keeping the system, as they call it disease healing card .

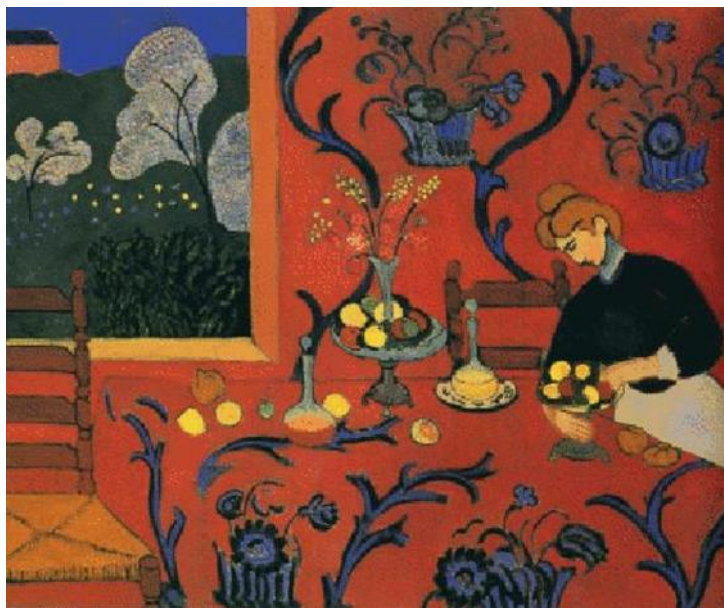


Fig (1) Henri Matisse, the tailor, oil on canvas, 1908, hermitage museum of Russia.



Fig (2) from inside the Imam mosque, the picture was taken in 2006, Iran.



Fig (3) Kandinsky, green, red and yellow, oil on canvas, 1939 Dusseldorf museum, Germany.

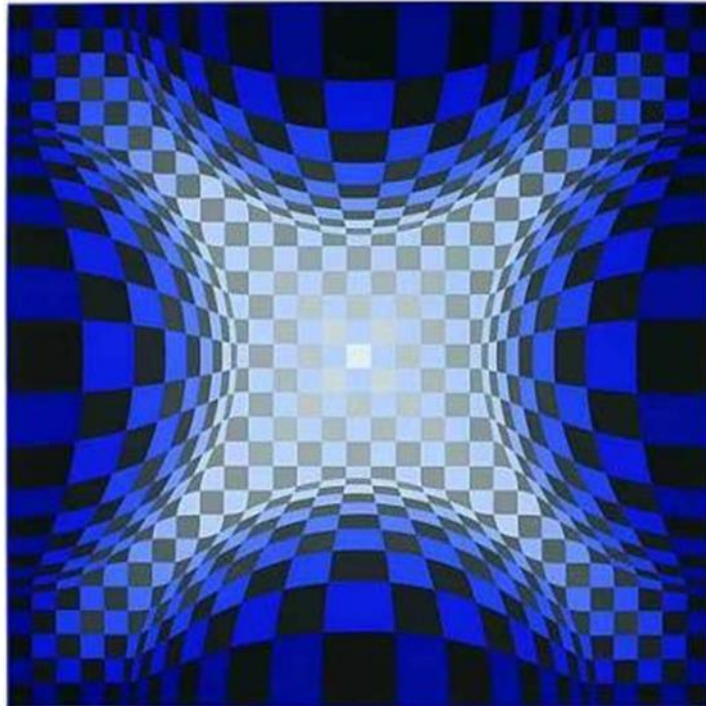


Fig (4) Vasarelli, blue composition, print 1975, Kas meridian.

### The results and recommendations

- Geometric shapes hidden energy that is being emitted according to its dimensions and proportion, especially the circular and pyramidal shapes.
- The abstract geometric figure in Islamic art, indicates the desired meaning, through the rhythmic movement, which is represented between the spirit of art and the spirituality of religion to exceed our familiar limits and become a function of the suggestive time, it goes from single to multiple.
- The intersections between lines of time and space, expressed by the Muslim artist to generate endless energy depends on the element of light, its effects and that turns the geometrical shapes into anon-physical medium which through it the lights emanating from reflection are flooding.
- Color itself has aesthetic, expressive, and symbolic energy in designing artwork to be mainly involved .... like line, it transforms with a geometric shape and acquires deep aesthetic dimensions.
- The artist's imagination, delusion, the effect of which is evident in the stages of the transformation of the geometric shape like reducing the truth to the simplest optical equalization.
- Cosmic energy differs from known physical energy, the first which is metaphysics or metaphysical force, it can be invested in psychotherapy and the spirit of reassurance and the peace between humans, looking to prove new standards, how concluded by measuring the energy in the area around itself.
- Human Energy can be developed through cups and becomes durable, no wonder in finding interactions between the two-artists, so it comes out as similar work.
- The researcher recommends the research belongs to this topic, which deals with the impact of energy on our lives through plastic works and study the engineering shapes in Islamic art, how it relates to the foundations and lows of the universe, whereas, the geometric shapes have shown on organized energy in the viewer.

## References

-Reed herbert, art now, introduction to the theory of modern drawing and sculpture, translation, fadel kamal al –din, E 1 ,department of culture and science,2012 .

- Alzoghbi Yahiya Uoussefm art in Arabic calligraphy section 1, B 2000.

-Okasha Tharwat, Islamic painting between prohibition and legalization, chain of the world intellect, the supreme council for culture, arts and literature ,1984. –Abdullah Iman Mohamed Anis, published research architecture and arts magazine, the ninth edition, January 2019.

-Kayali ali mansour, lecture entitled, the effect of color on humans,24/3/2012.

[www.cpas-egypt.com/pdf/](http://www.cpas-egypt.com/pdf/)

Critchlow, Islamic patterns, an analytical and cosmological Approach, Thames and Hudson, 1999.

Wwwijazforum