The semiology of protest art and encrypted technology techniques As a Visual Representation of the Era of Confluence Art with Cryptography
(An analytical study

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Research Abstract

Protest arts are practiced throughout history providing an insight into how others think and feel about important issues that are often controversial and cause social criticism. Using specialized forms of artistic creativity such as fine art works, artistic posters, memes, graffiti, street art, the Internet and social media in order to reach wider audience, when artists seek to make changes they use known codes or Cryptography to help transfer their message, which provokes questions about their Pun and Metaphors inference drawn from non-visual worlds and with evolved Cryptography process, that includes many technologies and coding meet art and Cryptography to reflect cultural transformations and aesthetics with the hidden symbols represent the symbol a cultural and historical structure. While Semiology represents the culture of signs and symbols of social reality, and what endures their influences and indicators, which contribute in the design of new forms of communication and the emergence of new meanings that are interactively linked to the language and culture of the age in a mixture of different systems .We cannot begin the formal analytical reading without knowing the dimensions of this symbolic language that exists in its semiological dimension. Hence, the research aims at an analytical study of samples from the semiology of protest art and technics cryptography of technology on the relationship between (The Signifier - Signified) to reveal symbols and ideas based on cultural, historical and social bases through the signifier (Symbolic meaning) :(Signs, Signals, Symbols, Icons, Metaphors), Signified (Beyond Symbolism: Semiology: Communication- Significance-Culture).

The research then tends to answer the following question:
1- What is the possibility of revealing the relationship between the Semiology of Protest Art and Technics Cryptography of Technology?

Research hypothese:
The possibility of revealing the relationship between the semiology of protest art and encrypted technology techniques as a Visual Representation of the Era of Confluence Art with Cryptography.

Research aims:
1- Revealing the relationship between the Semiology of Protest Art and Technics Cryptography of Technology in the art works of protest about the relationship between (the Signifier - Signified) of reach to the indirect technical vision.
2- Monitoring features, the evolution technological of the works of protest artists about Confluence the Art with Cryptography.

Research importance:

1- Creation of a changed aesthetic for the arts of protesting and highlighting the importance of its association with encrypted technology techniques consistent with the philosophy and culture of the age.

2- Put forward a gastronomic approach directed towards the social change of art as a form of protest using the systematic relationships of the various sciences with each other in new contexts.

Research limits:

The research is limited to an analytical study of experiments from international plastic art (Ends of the twentieth century- beginning of the twenty-first century), based on the use of technology for the works of protest artists as a Visual Representation of the Era of Confluence Art with Cryptography that is through the semiological approach that represents the culture of signs and symbols of social reality.

Semiology of Protest Art and Technics Cryptography of Technology.

The protest arts have presented a new aesthetic vision by using Technics Cryptography of Technology with various human and social sciences in their artworks to reflect the Transformation in artistic and aesthetic concepts, and in a manner that dismantles the traditional thinking mechanism about art. Thinking that is subjected to the logic of hierarchy, and this is what makes describing the language of art "hybrid", which combines representational and abstract, between traditional and unconventional, simple and complex, and combining contradictory meanings. Each work of art has a metaphor on which it builds its idea upon to become more astonishing to the creative process, as it represents symbols and signs that have significance and meanings as much as the symbol represents a cultural and historical composition. The importance resides of both between (the Signifier - Signified), which is the basis of semiology research, in the creating state of a dialogue -the experimental efficacy of the recipient- reach to the indirect technical vision. and that analyzing models from the artists' experiments to about reveal the symbols, ideas and meanings based on cultural, historical and social foundations, and about the relationships between the connotations which are present or absent in the artwork.

The aesthetics of Cryptography of Technology for the art of protest.

1- The aesthetics differs of Cryptography of Technology for protest artists for about previous eras which enjoys its intellectual and artistic direction **in embodying Creativity as hybrid for its trait   that combines humanistic and social sciences.**

3- Aesthetics of art of resides Cryptography of Technology is to present to the public an idea based on: **The Found relationships between concepts** - **The relationship between symbols and their connotations**- **The Revealing about the essence of things with clout to the thing.** Represented in**: The aesthetic of art as a work of language**: Words as the colors using color codes, and each letter of the alphabet designates a unique combination of two colors, **Arithmetic Aesthetic**: Caesar cipher is the first use of a substitution cipher, one of the simplest and most widely known encryption techniques. The Caesar cipher replaces each letter with a different one, a fixed number of places down the alphabet. **The aesthetic of art by Creating**

chemical and physical therapist: Black light**, Art Aesthetic in the Light of Number Theory and Mathematical Principles:** latitude and longitude coordinates, Berlin Uhr that displays time across luminous colored blocks against numbers, **Art Aesthetic and Computer Science :** automatic Synthesize moving by computer algorithm, **Art Aesthetic in Culture currency Cryptocurrency :** Bitcoin, blockchain ,entrance to criticize and appreciate arts, **Aesthetic of art by intuition rather than inference:** Replace the characteristics of letter with abstraction symbol, **The aesthetic of art and meme culture**: a shape of forms expression, a powerful new tool for group demonstration, **The aesthetic of art allegorical**: by using national symbols, trademarks, signs passage, sayings Popular.

3- Supporting Technics Cryptography of Technology in the art of protest generates binary connotations **Visible / invisible, Science / Art, Traditional / Creative, Technic/ machine metier, Criticism / appreaction.**

4 - Add excitement to the Cryptography Technology is important for the audience recipient in order to attain the works of protest artists :**effectiveness representative, meditation Mental, challenge Thought, Intensify the effect of aesthetic, coexistence Aesthetic.**

Research results:

1- The Protest artists represent an intellectual attitude that emphasizes the primacy or precedence of social and political factors, and they reinforce dialogue and raise social issues by using known or coded symbols to help communicate their message.

2- The protest arts are Practiced using specialized forms of artistic creativity such as fine art works, artistic posters, memes, graffiti, street art, the Internet and social media in order to reach wider audience.

3- The aesthetics of Cryptography of Technology for the art of protest, reflect the Transformation in artistic and aesthetic concepts, and in a manner that dismantles the traditional thinking mechanism about art by using systematic relationships with each other in new multicultural contexts. This is illustrated in: -

A- Embodying Creativity which is a hybrid for its trait, that combines humanistic and social sciences- Creation of a changed aesthetic for representing a new paradigm on the influence of Cryptography culture by exploring the cultural tools and ideology of technology.

B- Presenting new forms of communication to the recipient, and revealing new meanings that are interactively related to the language and culture of the era.

4- Semiology of Protest Art; protest is a mean of social influence that derives its aesthetic in the relationship between (the signifier - the signified) to reveal the symbols and ideas based on cultural, historical and social foundations, through: the signifier (symbolic meaning) :(Signs, Signals, Symbols, Icons, Metaphors), Signified (Beyond symbolism: semiology: Communication- Significance- culture).

5- Aesthetics of the art of protest as a Visual Representation of the Era of Confluence of Art with Cryptography which is in achieving the representative effectiveness of the recipient, and the creation of a different aesthetic that monitors the features of the development of technological techniques in Art works, namely :The aesthetic of art as an invisible language. Arithmetic Aesthetic use of Caesar cipher. The aesthetic of art by creating a chemical and physical therapist. Art Aesthetic in the Light of Number Theory and Mathematical Principles,

Art Aesthetic and Computer Science, Art Aesthetic in Culture, Currency Cryptocurrency, aesthetic of art by intuition, aesthetic of art and meme culture, aesthetic of art allegorical, aesthetic of encoded technology in generating binary semantics (Visible / invisible, Science / Art, Traditional / Creative, Technic/ machine metier, Criticism / appreaction).

Research recommendations:

1- Conducting experimental analytical studies of arts in the fields of humanistic and social sciences and their role in supporting means of communication and social, economic and political participation.

2- Creating different viewpoints in taking up the terminology of signs science as the entrance of study criticism and art appreciation.

3- Exploring techniques in the context of technological innovation that allow the creation of works of art around the relationship between art, technology and society and the possibility of applying it to the Egyptian plastic scene to add a new dimension to digital arts that blends its characteristics with the recipient's interactive environment.

References:

(١) Mustafa, Amal: "alfnwn altabyryt fy alasr alhdyth" ،hwrs lltbaht walnshr ", bdwon dar nshr, alkahra, p.84:85.

(٢) brnar, twsan:" mahy alsymywlwgya"، trgmt Muhammad Nazif, afrykya alshrk, tbaet ٢, almgrb,٢٠٠٠, p.9.

(3) Chandler, Daniel: moagm almosatlahat alasasyt fy alm alalamat " alsymywtyka" ، trgmt Shaker Abdul Hamid, drasat nkdyt 3 ,asdar akadymyt alfnwn, alkahra,٢٠٠٠ , p. 13: 14.

(4) dascale Marcello: alatjahat al-simiogia maasire ،turjama hamed lahmadani waakhron ، africa chark ،al-dar al-baida ،moghrab ،١٩٨٧ ،p. 7.

(5) ameri Sawsan: "durasa simiologia lidhaalia Islamiyah, bahath manchore, magalt elomara wa elfnon, alkahara, v. 5 ،no. 22 ،٢٠٢٠ ،p. 625.

(٦) Attia, Mohsen: nkd alfnwn "mn alklasykyt ely asr ma biad alhdath ", mnshat almharf bal askndrya, alkahra ,2002 ،p. 5٠,182,187.

(٧) Attia, Mohsen:" alfnan walgmhowr", dar alfkr alarby, alkahra, p. 54

(٨) Attia, Mohsen:" altfsyr aldlaly llfn", aalm alktb, alkahra, p.180.

(٩) Attia, Mohsen:" gayt alfn " drast flsfyt w nkdyt " dar almaarf bmasr, alkahra, tbaet ٢,1996, p.130,152.

(١٠) Attia, Mohsen:" atgahat fy alfn alhdyth wal mosar", aalm alktb, alkahra, 2011،p.15.

(١١) attihe mohsen: "al-qaim al-jamaliya fe al-fannoun al-tashkiliya " ،dar elfaker al-arbee al-kahrah ,2000 ،p. 257.

(١٢) Yahya, Mustafa :" alkym altshkylyt kbl w bad altabyryt", dar almaarf, alkahra,1993, p.197.

(١٣) barakat ،wael: " elsisiolugia bekraa roland barte" ،majla jamaa damashak- majled 18 - el-add al-thanie2002 ،p.65.

(١٤) aded minn al-mulfin: "simia masarrah bragg". turjama armer koria. menchourat ouazzara althagafa. soria. P. 34

(١٥) Basil Rogger, Jonas Voegeli, Ruedi Widmer: protest "The Aesthetics of Resistance" Zurich university of the art, museum fur gestaltung Zurich, lars muller publishers ,2018.