

Drawing up new design formulas according to the rules of Gestalt Theory to enrich the field of decorative design

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Research Summary:

The twentieth century has emerged in many philosophical and philosophical theories. One of the most important of these is the theory of Gestalt theory, which stems from the school or the learning by sight. It is the most experimental school, and therefore the most successful and the most influential. In the nineteenth century, the Gestalt theory adopted a new approach to thinking through the integration of cognition and reconstruction of elements in nature, based on total cognition. The problem of research was whether to derive new design formulas using the Gestalt theory (The total school) to invent solutions for designs through the external body of the Gestalt theory and its role in (decorative designs) according to the laws of the structural system Gestalt theory, which expands the designer's perception in the light of contemporary theories to achieve positive values for the designer? The research aims at enriching new experimental entries to create innovative formulations programs through Gestalt theory, and enrich the designer's thought by drawing new design formulations, which expands the designer's perception in the light of postmodern art. The research is supposed to use the designer to extract creative formulations through the structural system For Gestalt theory using computer software, which expands the designer's perception and enriches the field of decorative designs.

Key words: Design formulations - Gestalt theory - Decorative designs.

Research problem:

What is the possibility of drawing new design formulas using the Gestalt theory (the whole school) to create solutions for designs through the laws of the Gestalt theory and its role in (decorative designs), which expands the designer's perception in the light of contemporary theories to achieve positive values for the designer?

-The research aims at enriching new experimental entries to create innovative formulations using computer programs through the rules of Gestalt theory, and enrich the designer's thought by drawing new design formulations, which expands the designer's perception in the light of postmodern art.

Research importance:

Linking technology with science and art through the extraction of new formulations and designs through the laws of the Gestalt theory and linking them with modern technology and computer programs to create solutions for designs as an input to enrich the artistic form in design.

Research hypotheses:

-The research is supposed to benefit from the designer to extract creative formulations through the system of construction of Gestalt, which expands the designer's perception, to enrich the field of decorative designs.

Limits of research:

The objective boundaries of research focus on studying the laws of the Gestalt theory and linking them to modern technology to create solutions for new designs.

Research Methodology:

The research follows the extrapolation method, descriptive analytical approach.

First: History of the Gestalt School:

"Gestalt": is the origin of the name adopted by this school and belonged to it, and the German language means both coherent parts in a consistent and regular, all the characteristics of the whole and distinguish from the sum of its parts in the year 1920 a team of psychologists in Germany developed a set of theories of visual perception, (15), the word Gestalt means "unity" and "is a way of associating a set of forms to form a form consisting of a set of forms

Second: Characteristics of Gestalt Theory:

1. The ability to take a look at: the organism's energy in relation to its species, age, and individual differences.
- 2 - Depends on the foresight on previous experiences: an organism that has past or similar experience uses the foresight more than who deprived of experience in solving its problems.
- 3 - Depends on the foresight on the organization of the situation: it occurs if the educational situation is organized and the basic aspects can be observed.

Third: The most important scholars of the school of failure:

Max Freterm - Covaca - Kahler

Fourth: The hypotheses of Gestalt theory:

Learning depends on perception, ie, all the perceptions stored in memory are recognized and brought into memory by the senses.

Fifth: Educational applications of Gestalt theory:

"That the object learns by trying to solve problems, in the sense that the change that occurs in the behavior of the learner VI - the experimental foundations of the theory:

Gestalt has been marked by factors that influence learning by foresight:

- The level of physical maturity: It is the physical maturity that determines the possibility of activity to reach the goal.
- The level of mental maturity: Different levels of perception according to the development of cognitive development, is more developed and experienced

Key Concepts in Gestalt Theory:

- 1 - Structure: (organization) means a special structure inherent to the whole or pattern to distinguish it from other patterns
2. Reorganization: Exclusion of details that impede the perception of fundamental relations in the situation.

Ninth: The laws of learning in the theory of dyslexia and its relation to decorative design:

1. Regulation Law: objects are understood if organized and arranged in forms and lists, rather than survival
2. Principle of form and ground: It is the basis of the process of perception, as the cognitive field is divided into form and background

-The results are based on the study:

Of the laws of the theory of Gestalt and its role in (decorative designs).

Contemporary theories provide new solutions to the design structure of new formulations (for the total Gestalt theory), which is an important development in the fields of science and technology.

- Results:

The results came in accordance with the study of the laws of the theory of Gestalt and its role in (decorative designs) and verification of research hypotheses on the following:

- Contemporary theories offer new solutions to the design structure of new formulations (for total gestalt theory), which is an important development in the fields of science and technology.

- Recommendations: to deepen the study of structural laws through the tracking of the structural system of the theory of total Gestalt and includes the laws on the basis of innovative design formulations.

- The connection between art and technology enriched the field of design with many theories that added new design buildings and the creation of experimental entrances according to the study of the laws of the theory of Gestalt and its role in (decorative designs)

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