
Summary of the Study

"The Aesthetic Dimensions of the reformulating Relationships Constructed between the Geometric form and the Organic one in modern sculpture and their Utilization by Art Education Students "

The aim of this study was to investigate the Aesthetic Dimensions of the reformulating Relationships Constructed between the Geometric form and the Organic one. The researcher conducted a survey study for a group of foreign and Egyptian sculptors .Some of the artists formulated their ideas in an organic style and the other in an engineering one. In addition, some formulated their ideas formally in order to investigate the relation between the organic form and the geometric one. The study clarified a number of cubism and abstraction schools (organic abstraction, engineering abstraction). The study presented a group of natural elements with organic and geometric formulation as well as microscope nature. It also clarified the geometric and crystal forms and a group of artists' works who were influenced by the crystal world. The researcher divided the study into six chapters as follows:-

Chapter One: "The General Framework of the Study": It includes the background of the study; the problem of the study; the significance of the study; the aims of the study; the hypotheses of the study; the methodology of the study; the terminology of the study and the previous studies.

Chapter Two: "Organic -Geometric nature and its relation with modern sculpture". It includes Herbert Reed's classification for regularity types of shapes in nature and the aesthetic dimensions for the relationship between the environment and the artist, as well as it includes the organic and engineering trend in modern sculpture . It was divided into three dimensions as follows:-

- ✦ **First Dimension:** the geometric and organic formulations of nature forms with the presentation of a group of plants with geometric and organic design. It also includes the geometric and organic formulations in the rocky nature and geometric and organic formulations under the microscope.
 - ✦ **Second Dimension:** The geometric and organic trends in modern sculpture and the most important trends that included them.
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Chapter Three: "Geometric system in mineral crystals". It includes the primary figures (absolute geometric shapes), crystallography and geometrical system, crystal identification, geometric identification, crystalline factions.

Chapter Four: "Extraction the artistic values of the reformulating Relationships through Analysis of artistic works for some Egyptian and Foreign artists"

Chapter Five: "Study Applications ". It includes the applications related to first year students enrolled in Art Education Department and the applications related to the study.

Chapter Six: It includes the results, recommendations and references list.

Abstract of the Study

The Researcher's Name: Ola El-Tokhy Ahmed Mohammed Helwa.

The Title of the Study: "The Aesthetic Dimensions of the reformulating Relationships Constructed between the Geometric form and the Organic one in modern sculpture and their Utilization by Art Education Students"

The artistic trends such as expressionism, influential, cubism and abstraction in the field of sculpture are varied. The abstraction trend which is the subject of the study is divided into organic and geometric abstraction. Therefore, it is important to study the formal relations between organic and geometric form. This is clarified through a set of models for Egyptian and foreign artists, the relationship through the researcher's self-experience, and the application to a group of students enrolled in Art Education Department.

- ✦ **Chapter One:** "The General Framework of the Study".
 - ✦ **Chapter Two:** "Organic -Geometric nature and its relation with modern sculpture".
 - ✦ **Chapter Three:** "Geometric system in mineral crystals".
 - ✦ **Chapter Four:** "Analysis of artistic works for some Egyptian and Foreign artists"
 - ✦ **Chapter Five:** "Study Applications (Researcher's Applications - Students' Applications) .
 - ✦ **Chapter Six:** Results, Recommendations and References List.
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