



**Ain shams University Faculty
Of Education Department
Of Art Education**

The artificial and technical Capabilities of metal chain as an approach to enrich the tridimensional wrought metal

**An MA Thesis Submitted by
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In partial Fulfillment of the requirements for the master degree
in specific education(Metalworking)

To

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Research Summary

Research Title :

The artificial and technical capabilities of metal chain as an approach to enrich the tridimensional wrought metal

Preface:

The research aims to reach formulations and technical concepts of architecture in the dismantling direction through the technical and technical capabilities of metal zebrafish using wires and metal surfaces to enrich the educational field in the field of metal works in the Department of Art Education, and this is achieved in light of the study that was followed by the study and included five beans, as follows.

Chapter one

The study dealt with the presentation of the research through the background of the research and its problem, hypothesis, goals, importance, and limitations, then the research methodology, which is divided into :-

Theoretical framework

Introduction to postmodernism and deconstructive architecture, defining the deconstructive trend, the most important pioneering work, and studying the technical and

technical capabilities of metallic zebrafish, and the most important methods of metallic interconnection

He presented the most important manual techniques in which the slice and metal wire can be adapted to what is required for the research experiment

Aesthetic analysis of selections from the works of pioneers and artists based on the technical concepts of deconstructive architecture

The applied framework

Employing the aesthetic and expressive analysis of the technical concepts of architecture in the dismantling direction by using metal zebrafish in the form of metal artifacts embodied with a new technical vision

The study also presented in this chapter the definition of technical terms related to the research, then the chapter concluded with studies related to the topic of research.

Chapter II

This chapter includes the theoretical framework by studying the concept of wires and their standard specifications, the concept of metal sheet and methods of manually forming it, as well as metallic zebrafish, the concept and forms of zebrafish, manual assortment methods, metallic joining methods, whether fixed or mobile, and also various welding methods

Chapter III

This chapter includes an update of the theoretical framework through a study of a postmodern profile, the concept of deconstructive architecture and its origins, the

motives that led to its emergence, the characteristics of designing deconstructive architecture, the general patterns of deconstructive architectural orientation, and the main major trends of the deconstructive school according to the Genghis classification and the most important pioneers of this trend and their work

the fourth chapter

This chapter includes an analytical study of models of pioneers and artists in deconstructive direction

Chapter V

This chapter contains an analysis of the stages of the research experiment in which the study presented a sequential presentation of its own applications, whose entrance was based on what was extracted from the results in the second, third and fourth semesters. Taking advantage of the aesthetic values of deconstructive architecture on metal artifacts

This chapter also contains the most important results and recommendations reached by the study through this research and therefore for the benefit of the students to have a starting point from which the study was completed in the work of projects for research enriching the field of metal works in the Faculty of Specific Education

Summary of the research

The name of the researcher / Hager Ramadan Youssef
Abdel Hafeez

Title:

The artistic and technical potentials of the metal chain as an entry for enriching the stereoscopic metal artifacts

Master Thesis

Faculty of Specific Education - Department of Art Education - Ain Shams University

This research includes a historical overview of deconstructive architecture, the aesthetic values of the dismantling trend and its utilization in building an embodied metalwork through various forms of metal zebrafish. The study has described and analyzed some models of deconstructive architecture and the research ends with a set of practices and applications of the study with the aim of arriving at trend-based formulations Dismantling by the most appropriate methods of manual forming using joining, cutting, methods (ribosomes), bending, bending, acid drilling, cold, welding, and polishing in order to reach stereoscopic metalwork using the technical and technical capabilities of the metal trim to

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