Summary of the research

The topic of the research deals with Contemporary wooden works based on the combination of woodworking techniques and digital printing using geomtetrical construction system**s**

Chapter One: Research Plan

The first chapter deals with the background of the research, its problem, hypotheses, objectives, importance, limits, research methodology, terms and concepts, and the most important related studies that benefit the research.

Chapter Two: geomtetrical Structural Systems

This chapter deals with the geomtetrical structural systems in the wooden works, the types of lines and their effects on the design of the workpiece and the functions of the line, the most important geomtetrical structural systems used in the wooden works, the design formulas of the structural systems, the modulus and its types, the fractal geometry and the design axes, and the foundations of the structural design of the geomtetrical elements in the wooden works.

Chapter Three: The Cubism trend, art and its role in geometric structural systems in wooden works .

This chapter deals with the cubist trend in art and its artistic stages and its role in the structural systems and the plastic and geomtetrical approaches in the cubism school, the most important artists and the analysis of geomtetrical structural systems for some of the artists' works, plastic techniques and industrial origins of wood through geomtetrical structural systems.

Chapter Four: A study of digital printing and printing machines and how to benefit from them in wooden works.

This chapter deals with the study of digital printing and printing machines used on wood, the study of the Photoshop program and its advantages, and how to take advantage of it to enrich the wooden works, and the implementation of geomtetrical designs using structural systems using Photoshop for wood printing, and the psychology of creativity and its impact on the field of wooden works.

Chapter Five: Self-applications

This chapter presents the plastic and artistic techniques of wooden works and the self-researcher's applications, and includes the application's objectives, importance and axes.