

Abstract

Subject of the Study

The title of my M.A. dissertation is "Creating New Design Patterns from Islamic Ornamental Plants by Using Computers."

Study Objectives

Its main objective is to study Islamic ornamental plants, understand its composition values and proportions, and analyze its basic structure and components. The study also intends to generate creative design patterns drawn from its basic unit by using computer.

Several Islamic ornamental plants were selected for the study, and were re-drawn by using suitable computer software, (Auto Cad). Then these re-drawn Islamic ornamental plants were treated and developed through Photoshop program. Many creative artistic solutions were then obtained.

The main findings of the theses are the following:

- Using computer software such as Photoshop can provide variety of solutions to one single Islamic ornamental plant.
- Computer art programs will save time, and at the same time, enhance the number of solutions and ideas.
- Photoshop program with its rich capacities in drawing, moving, copying, arraying, etc.