

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

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### **Abstract:**

With the end of the twentieth century, the development of mathematics has developed dramatically, and with the scientific and technological development in recent years led to interest in mathematics and the components of other natural sciences, the objects in nature have its mathematical characteristics in addition to the engineering dimension of the living organisms and elements and the smallest molecules, models and examples of cosmic and natural depend on its growth And the installation of the digital organization of numerical sequences subject to the foundations and relationships of sports, and the problem of research in the possibility of drawing new design formulas using modern theories to create solutions to designs through tracking The internal structure of the theory of nanotechnology and its role in (decorative designs) according to the laws of the structural system of micro-engineering, which expands the designer's perception in the light of contemporary theories to achieve positive values for the designer? The aim of the research is to enrich new experimental approaches to create innovative formulations using new computer programs through the theory of micro engineering, enrich the designer's thinking by drawing new design formulas which expand the designer's perception in the light of modern art emphasizes the linking of scientific theories with the use of experimental entries to achieve positive values. To investigate whether the designer can benefit from the extraction of innovative formulations through the structural system of micro-nanotechnology using computer programs, which expands the designer's perception and enriches the field of decorative designs.

**key words:** Design formulations - Gestalt theory - Decorative designs.