

## The Effectiveness of Technical Multiplicity in Enrichment of the Creative Aspects of Design Surfaces

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### **Abstract:**

Technology is one of the design processes that give the idea its physical existence, and it is one of the most important means of visual attraction because of its influential capabilities in terms of form, function and material, which helps the designer to communicate his ideas according to the systems he adopts to show the aesthetics of the design building. The scientific and technological development has led to more Among the techniques in front of the designer's thought and imagination, and it helped in the emergence of multiple creative methods, and each type had different specifications and boundaries of different possibilities, which necessitated the necessity of knowing that diversity and plurality and the relationship of each other and the realization of their aesthetic values and creativity in order to be able to choose the appropriate ones, which opens the horizons of experimentation and the discovery of modern techniques and materials that enrich the creative design thinking, and the successful creative designer in the field of design is one who has the knowledge and ability to deal professionally with many technologies that enable him to design and produce works of the best possible quality and development His abilities and solutions to many problems encountered in the field of design and presenting new creative cases

The research problem is determined in investing the increasing development in technologies with the scientific and technological progress and the resulting diversity and multiplicity of methods and techniques in the field of design and combining several techniques to find various creative solutions to enrich the design surfaces, through procedural steps based on the tools of the descriptive analytical approach to track the development of technologies In design trends in the period of modernity and beyond, and to study selections of technical patterns and their impact on design construction, enriching the creative aspects of design surfaces, and conducting the research to several results, including:

- Exposing the multiplicity and diversity of design methods and techniques in the period of modernity and beyond.
- Knowledge of the limits and capabilities of design techniques and the optimal use of them.
- The combination of patterns from technologies to design trends enriches the creative aspects of design surfaces.

### **Key Words:**

Technical multiplicity, creative aspects, design surfaces.