

## Employing visual thinking skills in creating design formulas in the field of designing decorative iron products

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### Abstract:

The design process depends on the designer's ability to employ his culture, imaginative abilities and skills in formulating designs that achieve the characteristic of innovation. To address one of the thinking methods and mechanisms that can be employed in the design process, which is visual thinking, and the study dealt with visual thinking skills and how to benefit from them in the field of designing decorative iron products. decorative iron

**The research aimed** to employ the skills of visual thinking in the development of innovative formulas in the field of design for decorative iron products. **The limitsof the research** were limited to studying the nature of visual thinking skills and their impact on the design of some applied products for decorative iron products.

**The research hypothesis** was that good use of visual thinking skills enhances the effectiveness of the design process and helps to develop innovative design formulas in the field of designing decorative iron products .

**research methods:** the descriptive analytical method, and the experimental method, The study dealt with **three axes:**

**First:** Visual thinking (definitions, concepts, skills)

**Second:** The basics of designing decorative iron products.

**Third:** The effect of employing visual thinking skills in formulating designs for decorative iron. The study found the possibility of employing visual thinking skills in developing proposed design formulations for application in the various fields of decorative iron products, and it reached a set of related result.

### Keywords:

visual thinking, design, decorative iron