

## Reduction Thought in interior design and modern furniture

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### **Preface:**

Due to the trend of Arab Republic of Egypt to establish new cities and a demonstrative Capital, technological development and considering different spaces. This is one of the main factors which urge Reduction which can be applied in interior design and furniture, which depends on stripping, simplicity, and Reduction in design. It also depends on how much this housing units suit the design in a Reduction way.

Reduction and using geometric forms depend on functional and flexible areas. The modern life requires using vacuum reductively and organized interior designs. Vacuum internal Reduction is distinguished by simplicity. Also, colors have a role in Reduction. This is by using one color inside the vacuum, using light colors and simplicity in forming elements of interior design and furniture.

### **The research problem:**

The Reduction trend in interior design is not applied perfectly in Egyptian contemporary society.

### **The research importance:**

The research aims to make use of Reduction trend and applying it in small living spaces. This is to reduce materials, to present innovative design solutions and to make use of the existing spaces.

### **The research hypothesis :**

The search assumes : the study of Reduction trend , It also aims to create new ideas in interior design and furniture , By each of the main points of the research , minimalism and its effect on interior design and furniture design , Bauhaus.

-theoretical research results and recommendations.

**-keywords:** Shorthand – Design – Aesthetic Value

The reductive doctrine in interior design is like simplicity in the formation of interior design elements starting from horizontal projection and motion corridors, in addition to the treatment of walls and the choice of furniture supplements, where furniture is an element of interior design.

The term reductionism-Minimalism has been used since the 1960s to describe a model characterized by austerity, simple geometry, and the use of industrial materials available at the time of inorganic ores, while activating the role of plastics as described in the number "1."



**RON ARAD designer ' 1' pic**

She appeared in photography and abstract sculpture to emphasize the extreme simplicity of the form and the use of basic forms and colors monotheistic order and objectivity and not to belong to any model.



**Image number 16 " shows an attractive abstract model where the vertical and horizontal lines that give a kind of reductive geometry are manipulated**



Photo 17" shows the design of a vertical wall for a bathroom using simple geometric lines and color-studied distribution

## Results and recommendations:

### First: Results:

- 1- The global trend towards reduction and the use of geometric shapes, which depend on flexible and functional spaces.
- 2- Applying the reductive thought and the need to apply it in small residential areas in the Arab Republic of Egypt.
- 3- The shorthand furniture is characterized by new forms and austerity and simplicity of forms and the search for transparency, and the distance from decorations.
- 4- The idea of reduction and simplicity in the design of housing units in small areas in The Egyptian society.

### Second: Recommendations:

- 1- The importance of the role of the interior designer in providing interiors and furniture with an innovative reductionist thought using technology for the furniture industry.
  - 2- Providing furniture with reductive designs to suit modern architecture with new spaces in contemporary design.
  - 3- Taking into account the aesthetic and functional aspect when designing interiors and furniture in the reductive style of design in small spaces.
- Spread awareness of the idea of modern reduction on Egyptian society and away from designs crowded with decorations.

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