

## **The Aesthetic philosophy of Repetitive patterns in Nature and Its Application in Furniture design**

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### **Abstract**

Nature, in all its forms of life, contains many aesthetic values. Nature derives its beauty from the absolute beauty of the divine self. These aesthetic values arise through a set of formal foundations that construct and define the general framework upon which this precise system, for the distribution of structural elements that make up the shape of those organisms in nature. Patterns in nature are regular manifestations of the model found in the natural world. These patterns are repeated in different positions and can sometimes be mathematically modeled. Repetition in nature reveals the composition of various elements and objects and emphasizes their visual forms on the eye optical net and shows its beauty through formal philosophical dimensions such as motion, contrast, harmony, proportionality, assertion and unity, and is dominated by a uniform factor of these dimensions, if not one of the most common factors of the diversity formulated for natural elements.

In art and design, just as in nature, repetition highlights the potential of artistic elements within interior design through its rhythmic repetition and its varied, contrasting, symmetrical, and concentric diversity, which emphasizes movement and visual rhythm, and repetition makes the meditator a holistic view of repetitive forms and the relationship between its parts and The aesthetic values of these parts within the design.

The designer purpose to study this natural environment thoroughly and consciously, to devise its design and structural philosophy to reveal the principles, foundations, form and composition of the kinetic rhythm of the objects, and to benefit from these foundations in the field of furniture design and to add these natural aesthetic values to design. The functional and aesthetic of design have to bring comfort and luxury.

Therefore, the idea of research came to determine the philosophical frameworks of the aesthetic values that the patterns of repetition in nature contain and to use them in the process of furniture design.

### **key words:**

furniture design - nature - repetitive patterns - design principles - aesthetic aspects.