The effect of the plurality of patterns of interior space formation according to non-linear systems on interior design

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Abstract:

It has become one of the most important sources for the designer to resort to is the inspiration from the infinite cosmic motion, as the universe is more creative, free, self-regulating and open, as assumed by Newton, Darwin, and others - but modern science came to change the concept that the cosmic dynamic motion is in a linear form, rather it turned out that its motion is a dynamic, non-linear motion In an irregular chaos, in essence, the top of the system. This continuous movement can be organized by an organic or mathematical system or by nonlinear systems.

Therefore, the importance of addressing nonlinearity as a prevalent system in the contemporary design process, and its impact on various fields of design, including architecture, interior design, furniture, complementary, fashion and shoe design.

And that is through monitoring the applications of design according to non-linearity to provide theoretical guidance for design according to those systems in the future.

Where the research seeks to explore its multiple patterns (of digital and non-digital origin), so that it is easy to follow by designers in general and interior designer in particular.

Hence the research came to solve the problem of scarcity and lack of research available to study nonlinear systems, the lack of a clear optimal methodology that can be followed to generate innovative ideas in the field of interior design.

With the aim of reaching an integrated system for the plurality of design patterns according to non-linear systems by devising innovative design alternatives in interior design.

Keywords:

Non Linear System - Algorithem .Dynamics-. Self-Regulatio- 'Folding -Chaos - Parametric - Topological Design -Metamorphic Shapes

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