

The structural system of the radial body in nature and to benefit from it in the decorative design

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Abstract:

Nature is the main source of inspiration for the artist and designer. This organized universe in all its natural phenomena is subject to a systemic adjustment arranged by mathematical standards and laws that are repeated in the natural models in pursuit of balance, harmony and environmental adaptation. These measures and laws are represented in groups of digital systems, and nature has stimulated the emergence of several disciplines such as the radiation system. In the natural elements that, as an external system, adapts to the external environment in order to accomplish a specific function without being directed from the outside (by an external force) i.e. self-formation, and from here the research problem was determined in the extent of the possibility of richness in the designer's thought through the radial formal systems of objects that were formulated by studying the structural system of organisms in nature and the importance of research lies in linking nature with art by studying the external formal structure of the elements in nature and extracting new formulations and designs through radial systems. In nature, study of nature that added experimental approaches according to To study the external structure the research recommends studying the structural foundations upon in nature are based, which serve art as an integrated holistic system that opens the field of design to reach innovation in the field of design.

Keywords:

Design drafts ؛Radials in nature ؛Decorative designs