

Creating chromatic rhythms for Islamic geometric grids using the rhythm of color transition for some elements of nature (student experiment)

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Abstract:

The current research introduces Islamic geometric lattices by presenting them with a new color vision that invests in the chromatic rhythm derived from the transformation of color in some elements of nature, as many of the researches concerned with the study of Islamic art dealt with Islamic geometric decorations in terms of both linear and formality only and the study of its structural and decorative construction, such as studying patterns of repetitions of geometric spaces And the installation of geometric lattices from different star plates and the types of ribbons and geometric friezes used in the different Islamic eras, while those studies did not address the Islamic geometric motifs in terms of patterns of color rhythm characteristic of them. - Reliance on color contrast - Using unmixed tones - Color exchange between the figure and the floor - Axial balance in the distribution of colors - Showing the color decorations in a two-dimensional way, so it did not contain silhouettes - Carrying the color with a doctrinal connotation), so the current research presented the Islamic retina with a picture New and different from what was presented in For Islamic Arts, by creating the chromatic rhythm of Islamic engineering lattices through the application of the idea of color transformation taken from the elements of nature, through a student experience (fourth year students - Department of Art Education in Mansoura - Faculty of Specific Education - Mansoura University) for the academic year 2021-2022 AD. The design curriculum is to study Islamic arts in a contemporary way, and this experience supports students in (contemplation of the rhythm of color transformation in the elements of nature - study of color harmonies - training in mixing tones and transforming color from one texture to another, emulation of the elements of nature - study of Islamic geometric networks with new color visions - study Characteristics of the distinctive chromatic rhythm of Islamic geometric reticles and how it can be developed through the rhythm of the color transformation of some elements of nature

Keywords:

chromatic rhythms, Islamic grids,rhythm of color transition