

The chaos theory as experimental Starting in developmental imagination to build contemorary paintings

Assist. Prof. Dr. Amany Ibrahim brahim Fargal

Assistant Professor of the Painting Faculty of Specific Education Menoufia University

Amany.Fargal@yahoo.com

ABSTRACT:

Studying the essence of scientific theories and extracting their laws allows the artist to realize relationships and systems, which enriches the field of innovation and creativity, as many intellectual and philosophical theories appeared in the twentieth century, the most important of which is the physiological theory in one of the most recent mathematical-physical theories that adopted a new approach to thinking through the integration of total cognition and reconstitution The construction of the elements, and the structural systems associated with form and randomness, through movement. Applying this theory to the visual arts was possible to obtain different and varied aesthetic and artistic results that carry within them a random, organized beauty, through the study of the physiological theory on the part of the artists, they were able to realize the reality of the system that exists within nature. Filled with a lot of stimuli that enable to obtain permanent aesthetics of renewal and uniqueness. The research problem was identified in the following question: Is it possible to reveal some of the aesthetic solutions to the systems on which the physiological theory is based, to be a new entry for the modernization of intellectual and technical practices in the field of drawing and painting?

The research aims to enrich and develop mental imagination and expand the artistic and plastic vision of the students and extract some irregular dye through the unconventional use of coffee according to the variables of modern theories. Contribute to opening the field of experimentation as one of the important entrances to finding plastic solutions based on the utilization of the structural theory. Intellectual and technical practices, and the research recommends deepening studies of scientific theories and searching for innovative performing methods in various branches of plastic art in general and in the field of drawing and painting in particular.

Key words:

chaos theory, Experimental, Mental imagination