

Visual Extension in artistic heritage as an indicator of the emergence of pixel art

Dr .Mahmoud Fawzi Anwar Zohari

Assistant Professor Drawing and painting teacher, Department of Art Education,
Faculty of Specific Education, Assiut University

mahmoud.zohari@specedu.aun.edu.eg

assist. Lect. Marihan Mohey El-Din Mohamed Mohamed

Assistant lecturer in the Department of Art Education, Faculty of Specific Education,
Assiut University, specializing in ceramics.

marihanmohey@aun.edu.eg

Abstract

Cultural differences between people, and the distance of time, do not prevent the emergence of commonalities between them, and the search for innovation through studying the fabric of visual history and contemplating the intellectual balance in the cultural record, was an extension of the message of innovation towards revealing new entrances to creativity and aspiring to concepts consistent with the trends of the arts. Contemporary in a way that does not negate the relationship of integration and interaction with the arts and values of heritage.

The research assumes that pixel art has visual roots in human heritage since the arts of civilizations, in ancient Egyptian, Greek and Roman art, and the arts of Islamic civilization, to what the methods of some modern art trends have reached. Pixel art is one of the sections of graphic digital art, and the pixel unit consists of a single, precise square of extremely small size, combined and repeated, forming the visual vision of a bitmap. Pixel art forms a type of grid fabric to build a single square through a regular geometric grid to create linear relationships of a mathematical nature. Some studies have confirmed that the first person to introduce grid division with longitudinal and transverse lines with squares confined between them in his artistic designs was the ancient Egyptian. The effect of the pixel pattern is very similar to the mosaic style, which Muslims have known since the early ages of Islam, and they continued to decorate their buildings throughout the Middle Ages. The Muslim artist also relied on geometric grids with vertical, horizontal and diagonal axes of equal dimensions as an engineering system that controls the distribution of geometric vocabulary. Simple to formulate his dynamic, complex designs. The square geometric grid is also considered the primary basis for most Kufic writings. As is evident in the construction of pixel art, the effects of mesh texture are similar to brush strokes in photography. From the beginning of the Impressionist movement, he paved the way for the emergence of a new artistic current (pointillism) that relied on a methodology closer to mentality and scientific calculations, founded by the Frenchman Georges Seurat, which is characterized by pointillism and division techniques, so he painted Color areas are in the form of small, separate spots of complementary original colors whose combination produces the desired color when viewed from a distance. They are similar in vision to pixel art.

keywords:

pixel art, Heritage, Visual Extension