

## COMPOSITE DEFINITION FEATURES USING THE EASTERN ORNAMENT IN CERAMIC TILES

*Abstract:* This paper was asked a series of questions for the study of composition of the artistic shaping of ceramic tile with oriental ornaments and how to use in interior design. Particular attention is paid to individual elements of ornament and use them in areas such as kitchens, bathrooms, hookah area, cafe and more.

*Keywords:* Ornament, ceramic tile, east, interior, color, tradition.

**Statement of the problem.** Various areas of design is becoming increasingly important trend that its beginnings rooted in the cultural traditions of a particular people. Increasing attention to solutions based on the use of signs, the so-called "oriental style". As distinct archetype of artistic thinking oriental style is unique, endowed with an inevitable cost, he finds expressions in both traditional and advanced areas of art. The universality of the concept of "style" can relate to it all objects of design, including the design of interior elements that are executed on the basis of imaginative possibilities of artistic ceramic tiles. Brought up in the previous era, western style art pottery found in the features of color, plastic figure, content-semantic load ornament. Therefore, to achieve the perfect design solution requires a meaningful understanding and selection of components with predetermined properties of artistic and communicative nature.

**Analysis of recent research and publications.** Plant motifs and ornamentation variety of examples of decorative - applied art present in the Pre-Raphaelite movement website - William Morris [9]. Kara T., Vasilyeva and Z. Chehusovoyi based view change styles of folk and professional art. [8] The book album NF Lorenz "Ornament Time and Style" [7] highlights four thousand stories all styles, including oriental. Brett Morvenna in its publication "Design of Tiles interior" [3] presented a comprehensive information to use tile in bathrooms, kitchen, the living room, conservatory and other areas. Also in the book contained information about the features of the structure and shaping of various ornaments to enhance modern spatial solutions. The book V. Ivanovo "Geometric ornament" [4] The basic position of forming the various composite patterns. In the book, the author draws on mathematical calculations when creating geometric patterns. L.V. Braylovskaya [6] writes about the elements of decor that will give the room a oriental flavor. And Eastern architectural ceramics can be found in the electronic and print media B. Veymarn, M. Dyakonova, T. Kapterevoyi "The Art of Central Asia" and separately

B.Veymarna book "The Art of the Arab countries and Iran VII-XVII centuries" [1.2]. Valuable factual material for the formation of formative principles of architectural decoration of Central Asia in Article V. Sidorenko "Architectural Ceramics Bukhara." A researcher studying the historical and cultural heritage of the city, said the relationship between transitions to a new level of construction techniques and materials and means of artistic expression. He notes that the pattern got clear limits its application. There is a system of techniques, combining the building construction, architectural ornamentation and decorative applied art "[5].

The interiors of various premises in style eastern countries do salons «Sanna», «Keramtrade». Bestsellers ornamental tiles are the Russian company "Planet of the tiles." Collections tiles with ornaments that reflect the canons of Islam and its laws in general, implement the Spanish designers. In these salons ornament tiles depicted geometric and natural patterns of contrasting lines that give the illusion of space expansion. When writing articles examined a collection of ceramic tiles: «Acuarella», «Alcazar», «Alhamabra», «Arab relief», «MainzuAndujar-Azahara», «Barnet», «Cordoba-Granada-Nerja», «DomusAurea», «Marbella», «Merida Naranja», «Mudejar», «Primavera», «Riviera», «Sevilla», «Triana», «Cleopatra Base» and others. 1000 illustrations were considered separately and ceramic tiles in 500 different interior spaces.

**Purpose** - definition of composite features using oriental ornament in ceramic tile.

**The main part.** Ornament printed on ceramic tiles, may consist of the following composition: straight, curve, spot color, texture and texture. Every country in the application of ornament in ceramic tile blends elements on its own. In Central Asia, Azerbaijan, Turkey, Iran and Arab countries gained great development of architectural ceramics, which is used in the decoration of the facade and interior space of homes and religious institutions, namely multi-collared majolica cladding of buildings, masonry with ornaments, carved terracotta. Processing of buildings in that peculiar way Samarakandi, Bukhari and XIV-XV centuries. Art of Islam, people are divided into two parts: the Aryan, Persian, Arabic and semiotic. In turn, each country that has to do with the religion of Islam, adding their individual differences for each of the elements of ornament. Implementation ornament on pottery going back to ancient times. Local artists Baghdad covered brown pottery designs, trying to imitate Chinese porcelain. Members of Egypt, Turkey and others. made of ceramic tiles for decoration of tombs, mosques, residential buildings and ceramic tiles for interior decoration.

Analysis of interior public spaces showed recently that is widely used ceramic tile with oriental ornament (Fig. 1). The most common use of the floor and wall tiles in kitchens, bathrooms, corridors, etc. on the floor.

After reviewing a large number of different interior spaces were defined trend eastern introduction of color in modern interiors. The main feature of the East has been and will ornamentation various surfaces, especially on ceramic tile. Since ancient times oriental ornament in ceramic tile was relevant to use. Even with the advent of modern materials, glazed ceramic tile is used almost always.

According to the canons of the Eastern countries, namely Sunnis (the direction of Islam, unlike the Shia, they have no right to use its own decisions in matters of religious and social life), pictures of people and animals are not allowed. The reason for this fact is the features of religion, where images of portraits and figures of people are comparing themselves with God and considered taboo.

		
<p>Co lecture «MainzuAndujar-Azahara» in the interior of the kitchen, USA, 2003.</p>	<p>Co letsiya «Arab relief» in the design of corridors and stairs, Spain, 2006.</p>	<p>Co lecture «Cleopatra Base» Kitchen interior in Barcelona, Spain, 2009.</p>

*Figure 1. Ceramic tile with oriental ornament in interior spaces.*

Based on this fact, the East popularity of designs of different shapes. Each ornament has a clear symmetry. His role is not independent, as applied, that pattern is the basis for shaping various products. Composite construction consists of ornament shape, size, and destination image, which creates a master for a better perception on a particular surface.

The ornament is placed in a certain order, for a clear perception of the image. It can be completed on the entire surface or in part, thereby obeying a certain plasticity, dynamics and rhythm, creating simple or quite complex patterns.

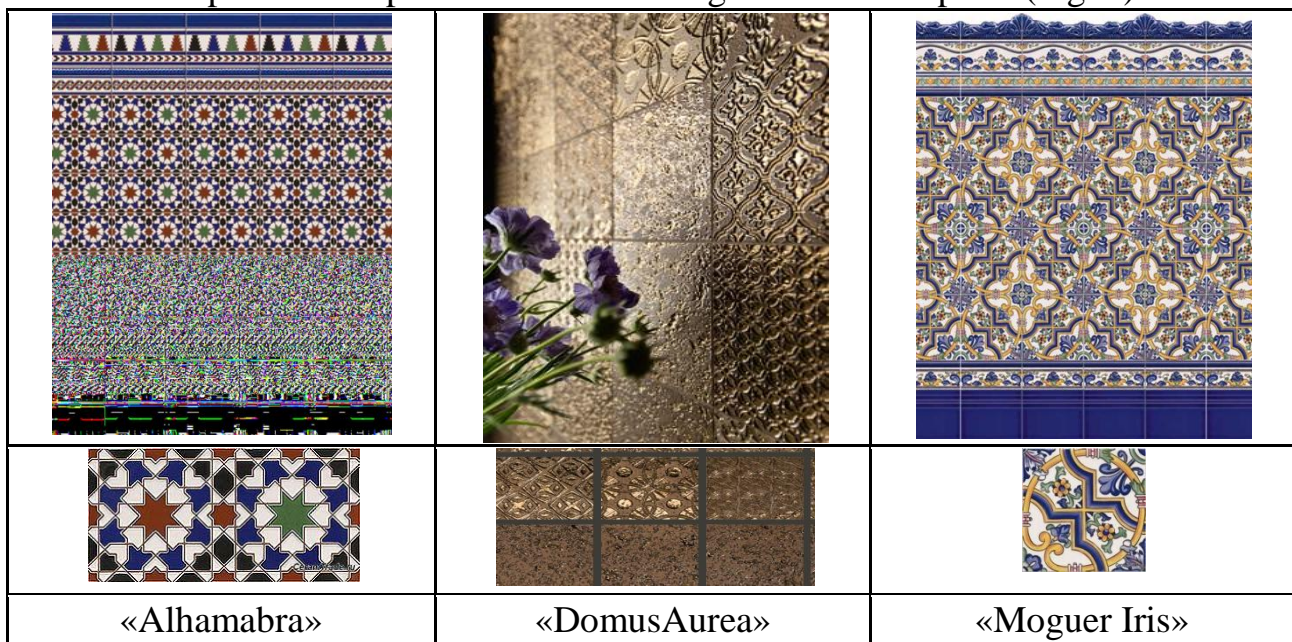
Nowadays, the original meaning of the ornament is lost, but the shape and styling of its elements remain. Analysis of geometric ornament shown that straight lines can be perceived as curves, thus creating the illusion of perception.

The youngest kind of ornament is considered a vegetable. It is symbolic, to a lesser extent than geometric, it is the image of the leading branches with leaves and various plants in a stylized form. Unlike geometric ornament can be asymmetric. The role of floral ornament more decorative. Putting these types of ornamentation as geometric or floral on ceramic tile, should follow certain symmetry images

together. Ornament can be increased and split it into a number of tiles, depending on the shape and ornamentation of the tiles.

With the shape and size of tiles is divided into square, rectangular and complex form. And the ornaments in the art of Islamic cultures to share islami (floral pattern) and hirih (geometric pattern).

Commonly present situation of the tiles in the interiors of various buildings. People used to see ceramic tiles in kitchen and sanitary areas with self-colored drawings or shapes. Versatility tiles fulfilled her ornaments of different color scheme gives it a special art - decorative aesthetics. Combined ornament to create a seamless tile pattern that provides an interesting aesthetic reception (Fig. 2).



*Fig.2 The color scheme and the creation of manuals Ornament*

Ornament on a large number of ceramic tiles allows creating rapport, repeated an infinite number of times (Fig. 3). The basis of the Arabian ornaments placed hexagon regular shape, which in turn is formed from the intertwining of two equilateral triangles.



*Figure 3 Rapport Ornament (part of a pattern that is repeated many times)*

Many ornaments are symbols of the elements, the analysis of which is the image of sacred things. To indicate the "eye of God" used a triangle. The five precepts of Islam portrayed pentagon. To indicate the word "Allah" using a combination of lines, squares and squares with the formation of the octagon.

In the Middle Ages ornament symbols closely associated with astrology, so every ornament could be read as a text book.

To complement the ornament used Arabic ligature, that Arabic script font canonized "kufichnoho" - rectangular shape, and Arabic cursive - "nash". Arabic ornamentation (arabesque) includes images moon, sun, stars, and the sacred tree of life. Especially for the Arabian ornaments coverage purple or blue paint in places recesses of the thread. Ornament - a "music for the eyes" and it compensates for the limitations of the eastern countries of certain types of art.

Current collections of oriental ceramic tiles are widely used in many areas of design: restaurants, apartments, bathrooms, kitchens, walls of country houses, hookah and pool area. Ceramic tiles with various designs - in this exotic interior dilution of everyday life. For example, Ukrainian entertainers - groups using ceramic tile with oriental ornament in your home interior.

Each element and pattern of ceramic tiles is an infinite variety of colors. The variety of ornaments and colors have a different shape and structure. Vegetation pattern can be embedded in a complex geometric form and illusion.

All kinds of ornaments are closely related to each other. With layers of oriental ornaments each other in ceramic tile impression of diversity and saturation of a color palette of basic two principles: strict and logical construction pattern and artistic imagination.

Traditional quality oriental tiles widespread in the living area and when decorating facades, not only public buildings, but also religious, so the set of ornaments to be followed traditions and values of each element of the ornament.

**Conclusions:** The combination of these elements of composition as shape, color, texture and lines forming a coherent set of ideas about the compositional features of ornaments.

**Prospects for research.** Ornamentation in different countries originally complements the interior and intertwined with each other. A set of layers and geometric and plant elements to each other enables the creation of a new type of ornamentation and the study of their structure based on traditional building ornamentation.

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#### Аннотация

**Ус.В.Ф., Сахно К. С. Особенности восточного орнамента и его использование в оформлении керамической плитки.** В данной статье был поставлен ряд вопросов для исследования композиционных средств художественного формообразования керамической плитки с восточными орнаментами и способы ее использования в дизайне интерьеров. Особое внимание уделяется отдельным элементам орнамента и использования в таких помещениях как: кухня, санузел, кальяне зоны, кафе и т.д..

**Ключевые слова:** орнамент, керамическая плитка, восток, интерьер, цвет, традиция.

#### Анотація

**Ус.В.Ф., Сахно К. С. Особливості східного орнаменту і його використання в оформленні керамічної плитки.** У даній статті було поставлено ряд питань для дослідження композиційних засобів художнього формоутворення керамічної плитки з східними орнаментами і способи її використання в дизайні інтер'єрів. Особлива увага приділяється окремих елементів орнаменту і використання в таких приміщеннях як : кухня , санвузли , кальянізони , кафе і т.д.

Ключові слова: орнамент, керамічна плитка, схід, інтер'єр, колір, традиція.