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FACULTY OF BUSINESS MANAGEMENT

**ASSOCIATION OF PROFESSORS IN ECONOMICS
AND MANAGEMENT AT THE INDUSTRY**

XVIIIth
***INTERNATIONAL
SCIENTIFIC CONFERENCE***



**MANAGEMENT AND
SUSTAINABLE DEVELOPMENT**

25 - 27 march 2016
Yundola



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UNIVERSITY OF FORESTRY

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APPLICATION OF CLEAN GEOMETRIC INDOORS

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Abstract

Regular geometric shapes are found everywhere in the space.

From rectangles, ellipses, triangles, rhomboids and other angular shapes can occur atmosphere acting modern, futuristic, visually interesting, with a certain rhythm and contrast, with a warehouse harmony that in the subconscious of consumers of this interior leave a feeling of relaxation.

In this study are analyzed for temporary accommodation facilities such as hotels, various types of hotels, geometric forms incorporated in the design of hotel interiors. Each specific type of hotel there are certain general and specific functions in your design strategy.

Key words: geometry, geometric shapes, hotel design, interior

Introduction

Geometry - one of the oldest parts of mathematics that studies the spatial relationships and shapes of bodies. Geometry is one of the oldest sciences, which originated long ago before our era. Translated from the Greek word "geometry" means "surveying" ("geo" - on - Greek side, "metreo" - measures). Despite the apparent geometry and design as decorative art related concepts it seems they are sometimes excluded and are completely different from one another, one idea (geometry) is a branch of mathematics, ie of science, and one idea (design) expression of human creativity and sensitivity, and indeed at other times there is a connection between them. The ultimate result of implementation in the geometry is perceived in different patterns and shapes of furniture, inspired by basic geometric shapes, triangle, square, rectangle, hexagon, round and others. With their combination and development in complex geometric patterns created forms of furniture that impressive work in the interior.



Fig. 1. Cabinet with advanced geometric pattern and use the golden section

People since ancient times, felt the need to express their views and feelings in exact parts and shapes of objects which in themselves contain aesthetic and artistic manners. The application of geometry is present both in architecture, painting, sculpture, and in various craft activities and products with strong expressive forms in textiles,

furniture, ceramics, processing of metals and others. The decorative fabrics are filled with different geometric patterns of the simplest creations to illusory effects. Leave a strong impression and various geometrical shapes introduced in ceramic tiles for floors and walls.



Fig. 2. Geometric elements used in the creations of floor tiles

Geometric forms in the interior

Regular geometric shapes are found everywhere in the space. From rectangles, circles, ellipses, triangles, rhomboids and other angular shapes can occur atmosphere that will operate modern and futuristic. The correct line of geometric shapes makes perfect in every detail ambient. Geometric forms are mostly textiles, carpets, curtains and kitchen utensils, furniture.

Modern organization of space allows the implementation of regular geometric shapes in different variations to be implemented as a strip of fabric, various forms of furniture will always get their combination with different designed interior.



Fig. 3. Interior elements with different geometric shapes

Interior design with clean geometry

The mixture of heat from the tree not only material but also as inspiration and aesthetic cold lines are the main feature in this bedroom furnishing room. Geometric forms and handmade furniture enriched with details carefully built with elegant simplicity remind us of Scandinavian and Japanese design. Emphasis is given to the beauty of forms and modern lines and the functionality of each piece in this module elements.

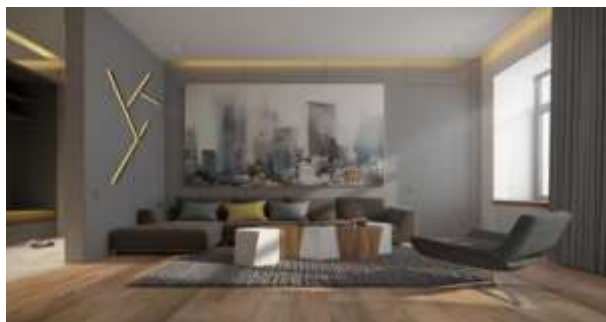


Fig. 4. Interior rectangular geometric shapes

With the game a geometric shape can receive an unlimited number of projects. This apartment in the interior are used neutral colors and fine fabrics combined with geometric rectangular forms in the furniture and among themselves. The geometric design in this interior is used in modular table in the living stay, which consists of modules with impaired angles and chic lighting element placed despite the wall of the left side of day stay.



Fig. 5. Interior rectangular table and a hexagonal shape

In the bedroom, the wall above the bed is treated with playful wooden surfaces as geometric irregular shapes.



Fig. 6. bedroom wall made of irregular geometric shapes and bed into rectangles

Those living further consideration are covered with furniture inspired by different geometric forms. The decorated objects with geometric shapes seem timeless and perfectly fit into modern interiors. These elements can be chairs, shelves, chairs, cabinets or textile products such as curtains, rugs, bellows and others.

Exotic wood and geometric motifs present in the next interior landscaping where you can see some impurities from the Art Deco style as inspiration. In this interior there are strong lines and pure colors, clean lines and great glory. The material used is wood, glass, ceramics and polished chrome.

Simple, eclectic or dramatic projects are geometric elements, materials with geometric patterns and motifs and decor with geometric shapes current progressive trend in organizing interior. The geometry sometimes home gives contemporary charm, sometimes powerful sharp look, or

very soft retro note but in any case it season space with an interesting rhythm of different shapes, though clear and simple, are intriguing and attractive.



Fig. 7. Zig-zag lines geometric shape as decor carpet

These forms themselves are sufficient for the space to get impressive appearance, but can fit in the company of other styles, designs and decorative themes and have emphasized function in space.

As emphasized pieces with geometric motifs more homes are inserted carpets. Small or big, round or square, carpet with geometric design as a decorative accessory that every space will become the center of attention. Geometric patterns are characterized by a wide variety of functions, depending on the environment in which they are placed, they can create modern and retro look.



Fig. 8. Interior design with geometric patterns

Perceptions and reading the interior design

Purpose interior always has certain attitudes among consumers of the place where he resides, if there is a line, consistency, warmth, harmony, contrast and more. in the very interior in customer awakens a sense of comfort and stay in that area. Naturally it is necessary to comment that every customer of one of its inherent way read-purpose interior.

Each designed interior ever occurred, knowingly or unknowingly sends a message to the world that surrounds it for the reason that it is inevitable that the person is in this environment has its own experience of the interior of each of its inherent way. The interior design becomes a tool to help can express certain views, ideas, technological achievements, status, power, wealth.... As such, the interior design is always designed for every lover and awakens response observer of the designed interior.

Often sent messages through use interior readily apparent, and most of opinions and perceptions may overlap in basic traits, but it happens some messages to be in a sense hidden metaphoric, symbolic, which will ride many different explanations. It is in these different explanations perceived subjectivity and perception purpose interior. Spatial perception is individual and arises as a consequence of perception, visual perception. The use of spatial elements that are in this interior sense of their relationships and knowledge, an interior designer is able to influence the final formation of the image and the opinion of a particular design of the interior.

Elements of Design

- Atmosphere and environment
- Stylish features
- Size
- Proportions and balance of components in the interior

Design elements include lines, shapes, spaces that create optical illusions impression of scale and space. Brightness and color can be used as sources of illumination and modeling can be combined with textures and stripes how it would be received quality effects contrasting shadows, accents or hide. Highlighting a certain type of lines can be used to highlight the size and nature of the dominant or multiple lines and combinations which force the eye to send this can be used to create the illusion of height, width, strength or delicacy.

Lines that are used to decorate must be balanced against structural features of the furniture and details.

The overall effect should be compatible with the style of the furniture and way of use.

The figures are flat or two-dimensional elements of interior (coast, pictures, wallpapers) and forms are solids in space (furniture). And the shapes and numbers can be grouped as:

- Rectangular
- Angular
- Curve

With the repetition of shapes allows continuity and order, but do not provide psychological needs for customization of space and identity. Vitality in the interior can be created with the planned introduction of circular tables, changes in the organization of furniture and deploying other elements of furniture that open new areas in different relations between resource users.

Size, proportion and balance are the elements in the interior.

One of the most important positions in terms of analysis of the interior in hotels, and at all the visual field of the user really are „staff” of space that the user perceives certain planes when sitting and standing more. So horizons interest in certain places can be:

- Views from distance
- Average distance
- Close

And although the spotlight is constantly changing, so badly raised seating compensation can be determined even amenities such as certain light effects that always attract or distracting.

By placing a light in horizontal planes staff observers can influence the behavior and give a specific impression that observers have a choice when it comes to the place that the restaurant requires.

For example, the emphasis in light of the very chairs create custom social work with a focus group, which is sitting in this place and their immediate activity, with lighting wall surfaces create depth and a private activity, interest in the environment it is distant. Blood circulation in the space and the position of the furniture are also one of the most important functional aspects in itself interior, whereby a complete picture of the overall aesthetic design of the interior. It is therefore important to be well thought and seating positions, which can be:

- Close the windows and outside walls
- Around the periphery - with custom departments
- Around active points in the space of the hotel

Proportions are an important aspect in the project, as it allows visual balance and harmony. Different parts of the only general to be in mutual communication and coordination. Anthropomorphic and economic conditions affecting working heights of all elements that are used in space and are also important in itself access and movement.

The horizontal separation of 1/3 or 1/2 of the height of the wall to the ceiling, the distribution of panels with photos and other depends on the free space that is created in the head. The rhythm in visual interest from a visu-

al characteristic to each other in continuity and harmony with the pattern and colors used to draw attention expands the space and provide a link between the objectives repetition stimulate eye movement and stresses over design.

Tread usually have little matrix that is repeated because it can be covered or distorted by furniture and because of the overlap with other elements in the main tread stand and used as a backdrop for other elements.

Conclusion

Less favorable seating space requires certain steps in the design so if table and chairs are near the front door chairs must be oriented towards the interior of the space, as well as central locations in the area with the laying of flowers or other items that will serve as a seemingly partition in how needed.

By applying pure geometry gives emphasis on the curves of furniture or a sentence of everyday life can explain the application of geometry in the design of furniture and interiors that would telling „As with road signs, sometimes we know the importance of the subject based on their shape or silhouette, even before visible color or message. The same cost and in the message at fixed furniture design is necessary to take account of the functionality of the furniture, to turn unnecessary lines and other elements, which would allow the creation of forms with simple strong lines.”

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УОГС "Георги Ст. Аврамов" - Юндола



"Устойчивият свят, както и неговите природни и обществени структури, не е състояние, което веднъж завинаги трябва да бъде установено. То не е и идеален образ, с който действителността е длъжна да се съобразява. Такиво устойчиво развитие е форма на движение, което премахва сегашното състояние. Условията, темповете и посоката на това движение са предопределени от съществуващите предпоставки. Задачата за науката за устойчивото развитие е да ги ренири, а на практиката да ги използва при вземане на управленски решения."

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