

FEATURES OF ASYMMETRIC BUILDINGS IN A MODERN CITY

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Annotation: Looking at the buildings of the city, we can notice how diverse the buildings are. Everyone has a different look, different texture, design. What we notice in the first place is the correctness of the lines, their sharpness, mirror symmetry, or vice versa asymmetry. Many buildings have clearly symmetrical elements or stitches, the same and calm color indicates the severity and scale of such a structure, while some buildings, on the contrary, amaze with their messy windows or porches at first glance - they are completely asymmetric, but their beauty and grandeur are not at all disappears.

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Asymmetric compositions in the process of development of architecture arose as a manifestation of the complex life cycles of the environment and the foundations of society. The final forms of such compositions were the result of a unique combination of factors. Asymmetry is therefore individual, that it could be influenced from the unpredictable side, while in the principle of symmetry itself the correctness, commonality, sign connecting all the structures are laid.

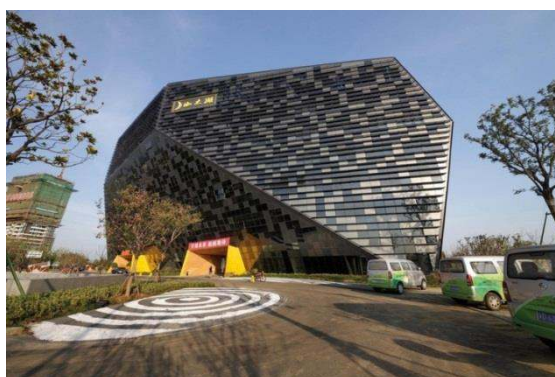


Figure 1. Business crystal grew in Changzhou

As a result of the desire to maintain any symmetry, whether it is the shape, color or design of the structure, the authors are forced to obey not only in the ratio of sizes, arrangement of architectural accents, but also in the orientation of the system of spaces and volumes to the main parts of the building or construction, the arrangement of which may not coincide with geometric center.

An asymmetric composition can even be composed of symmetrical elements, the relationships between which are not subject to the laws of symmetry. Parts of such an ensemble may be symmetrical, but together they define a completely new construction that is completely unlike anything, with no symmetry.

An example of such asymmetry is the Erechtheion on the Acropolis in Athens (Figure 2). Due to asymmetry, the composition has dynamism, flexibility and mobility of forms. The peculiarities of its three-dimensional construction were also caused by the complexity of the dedication - the temple relates us immediately to two deities - Athena and Poseidon, in addition, the relief of the chosen construction site was quite complicated.



Figure 2. The Erechtheion Temple on the Acropolis of Athens

Asymmetry in the composition can achieve completely opposite results, if their visual center is shifted to one of the flanks, they will look more dynamically and moveably, while the center in the middle will give the structure a static and heavy look.

The secret of a properly designed and designed asymmetric building is that the unity of the asymmetric composition is achieved not by equality in weight or size of the parts and their location, but in visual equilibrium. The compositional relationship of the parts is built, not relative to the axis of symmetry, but relative to the axis of equilibrium.

Most often, the use of asymmetry in solving compositional problems is determined by the desire to get away from ideal rigor and give the structure a more picturesque unique masterful character. Thanks to asymmetry, it is possible to leave with additional integration of construction sites into existing ensembles, without any global violation of traditions and character.

Asymmetric objects are more “lively”, dynamic, light and more modern, since they allow you to see flexibility, lightness, torsion, movement in time or under the influence of wind.

Orientation, dynamism of composition is an important means of manifesting life processes. The axis is the main direction of movement, it is thanks to it that we can strive in the attracting direction.



Figure 3. Al-Hamra in Kuwait - one of the most asymmetric skyscrapers in the world

Therefore, the building directed upwards creates a feeling of lightness, elongated diagonally - movement in a given direction, swirling around its axis - dance movements or a breath of wind, and the same - a feeling of static, peace.

Asymmetric designs come up with daring architects who are not afraid of deviations from norms and standards. Correctly selected objects are implanted in the surrounding reality, merge into the infrastructure or relief of complex terrain. They decorate any objects located nearby, attract interest, but at the same time emphasize the beauty and clarity of the lines of their strict symmetrical neighbors.