

Міністерство освіти Азербайджанської Республіки  
Міністерство освіти і науки України

Азербайджанський архітектурно-будівельний університет  
Національний університет «Полтавська політехніка  
імені Юрія Кондратюка»

# **BUILDING INNOVATIONS – 2020**

Збірник наукових праць  
за матеріалами

III Міжнародної  
азербайджансько-української  
науково-практичної конференції

1 – 2 червня 2020 року

Баку – Полтава 2020

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## **ЗВЕДЕННЯ НОВИХ ОБ'ЄКТІВ В ІСТОРИЧНОМУ СЕРЕДОВИЩІ МІСТ**

***Анотація.** У статті розглядається проблематика зведення нових об'єктів в історичних центрах міст, можливість гармонійного синтезу історичної і нової забудови. Це реалізується на принципах збереження цілісності історичної забудови та з урахуванням вимог, що пред'являються до нової будівлі. Показано складність проблеми, пов'язаної із збереженням архітектурної спадщини та різноманіття прийомів інтеграції історичних і нових будівель, які підтверджують можливість існування різних концептуальних підходів.*

***Ключові слова:** будівництво, історичне середовище, нові об'єкти, зберігання, порушення.*

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## **BUILDING OF THE NEW FACILITIES IN THE HISTORICAL URBAN ENVIROMENT**

***Abstract.** Problematics of erection of new objects in historical centers of cities, possibility of harmonious synthesis of the old and new issues is the subject of this article. It is realized on principles of maintenance of integrity of the historical object taking into account requirements produced to the new building. Variety of examples of integration the old and new issues is shown, that is confirmation of the subsistence right of different conceptual approaches and complication of problem related to maintenance of the architectural heritage.*

***Key words:** building, historical environment, new objects, maintenance, violations.*

The question on expedience of maintenance of the historical- cultural environment in the modern, developed city is regularly raised in the sector of the perspective planning of urban space. One of the most widespread and complex issue of aesthetics of modern town-planning is development and synthesis of modern architecture with the existent historical environment. In the international architectural practice the historical centers of cities were never considered as certain stable complexes like museums where modernization (destruction and new building) stands under severe prohibition [1, p. 64]. Planning of comfortable, easy-to-use and harmonious urban space is the important criterion of development of modern cities. Creation of environment that harmoniously combines modern and historical architecture is required.

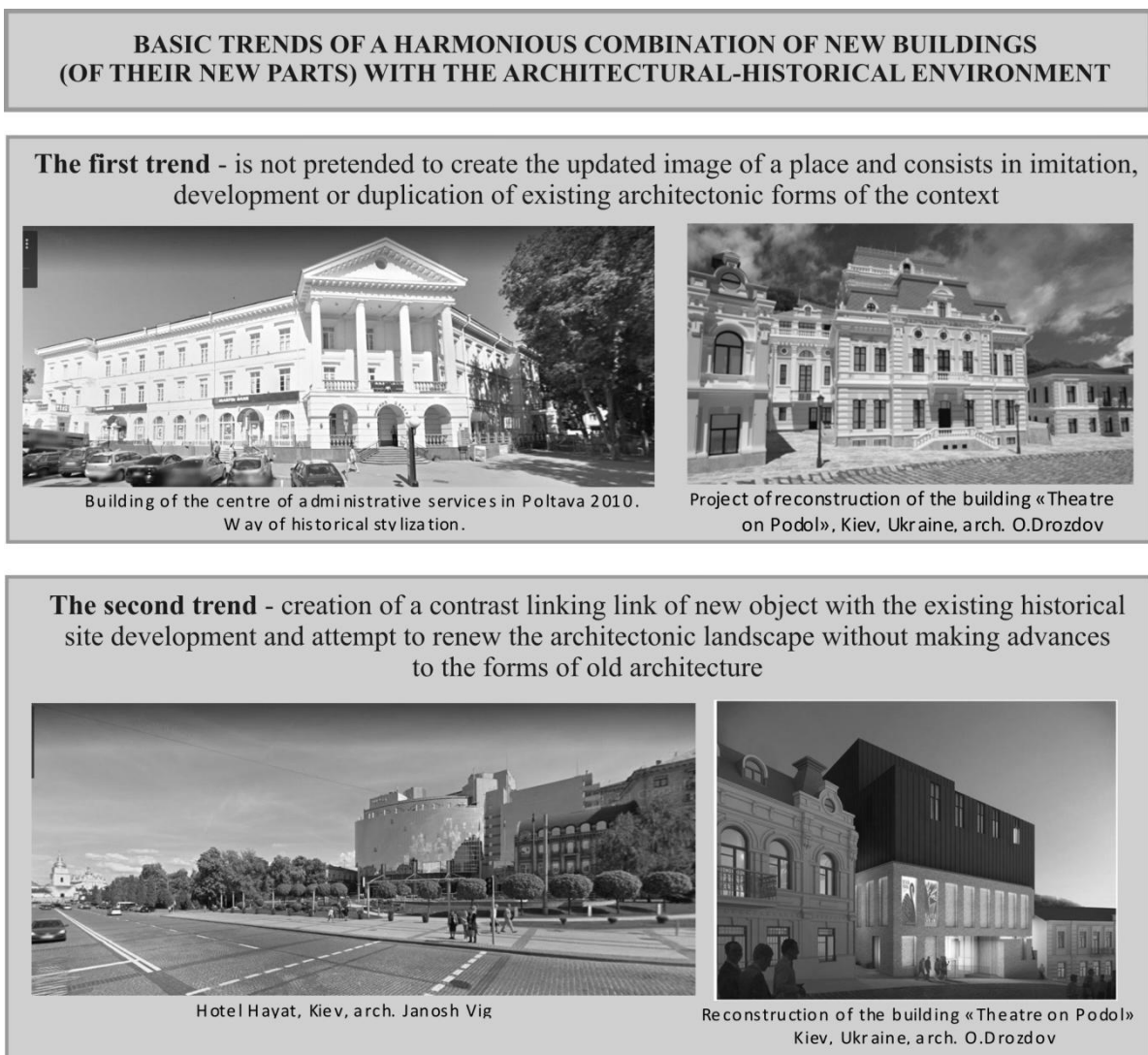
Many countries of the world have plenty of successful and unsuccessful examples of synthesis of modern and historical architecture. Significant number of new and reconstructed objects requires the professional appreciation. Building of new objects alongside the historical objects almost always requires the decision of the very difficult composition task - harmonious combination of new and old building. Always a question appears, what is better - imitation of the old forms or apparent contrast. Serious objective consideration of various decisions is needed for the sake of maintenance of historical environment, from one side, and for the sake of support of interesting creative decisions - from other side [2, p. 20].

The modern objects of architecture sometimes are thoughtlessly entered a number of

historical buildings violating in this case the intended harmony and composition integrity of an environment. Such errors as the far-fetched stylization of new objects and loss of historical buildings and also separate properties of the architectural landmarks are widespread nevertheless.

Maintenance of integrity of any historical building becomes the important task for architects and town-planners that create new projects in a historical environment, thereat territory under new building must be used in the most effective way. The urban environment is created not in one day and sometimes combination of various forms by their style is unavoidable and technically reasonable. In such case it is necessary to provide the aesthetic copulation of the elements and logical transition from one form to another using the composition means.

Two opposite trends concerning decision of the identical task for harmonious combination of new buildings (or their new parts) with the existent building exist in the home and foreign practice as for development of new objects (fig. 1), [2, p. 19].



***Fig. 1 – Basic trends of a harmonious combination of new buildings  
(or their new parts) with the architectural-historical environment***

Both successful and unsuccessful examples are revealed in both directions, that in certain cases are not yielded to the objective estimation, but require the special expert examination. Numerous intermediate variants are possible. The worked out solution ways for

facades of new building in the historical environment of city – consist in the retrospective and imitation approaches, historical stylization, inspiration, contextual and innovative approaches. Among examples of contrasting combination of new objects from existing base-line building on the basis of innovative approach it is possible to distinguish such ways as:

- searches of neutral ways (dissolution, submission, aspiring to neutrality conflict-free from surrounding historical architecture;

- active, large-scale or disharmonized penetration of new forms that pierce a withstand character of a building or repress the trivial surroundings doomed to be destructed and set new reason for future surrounding building;

It is known that the similar architectural practice is frequently used in Europe - buildings which are distinguished from outside but correspond to the context appear in old districts. Thus, introduction of modern buildings into the historical objects requires considerable attention to the choice of conception of development of the historical environment with new objects.

In course of erection of new objects, the composition problems which are difficult to be resolved and which require the non-standard talented solutions are emerged undoubtedly. Hard stylistic limitation of the new building within limits of historical center is considered unpromising in the modern town-planning science, because this considerably straitens creative possibilities of the architect. Stylistics of new architectural objects is not offered as a basic recommendation, but fundamental methods of forming of the architectural character of a building that assists the organic implementation of a building into the architectonically-historical environment of a city.

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