

عنوان مقاله:

(Examining the Design and Form of Bridges in Structures and Materials (Case Study : History

محل انتشار:

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نویسندگان:

Babak Mohammadi - BSc Student of Architectural Professional Engineering, Faculty of Skills and Entrepreneurship, Tabriz Branch, Islamic Azad University, Tabriz, Iran

Bahareh Jodat - Graduated with a Continuous Bachelor's Degree in Architectural Engineering, Osweh Institute of Higher Education, Iran

خلاصه مقاله:

Bridges are powerful examples of human intervention in the Earth's natural landscape. A bridge that is designed without consideration of aesthetics can be functional but may be unattractive and obstruct the view. A successful bridge designer must consider both the abstract structural form and the embedding of the bridge within the environment. In general, in the design and calculation of any technical building, of which bridges are a part, three factors must be met: ۱-Usability, ۲-Strength, ۳-Beauty and proportion in combination with each other. Among the above three factors, it is very difficult to satisfy the factor of beauty and fit. This is because, unlike the other two factors, it cannot be converted into numbers and figures, and is mostly subject to emotional, spiritual, perceptual, and experimental factors. The development of architecture of bridges in conformity with change of architecturally-art styles is shown in this paper. A brief analytical overview of the history of bridges building is made, methods for constructing three-dimensional composition are considered, the interrelation of constructions and materials with the architectural form of bridges is shown.

کلمات کلیدی:

.Artistic, Construction Date, Form, Architecture, Bridges, Styles

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