Explanation of Sustainable Architectural Design Motivators with Respect to the Concepts of Sustainability

ABSTRACT: For more than half a century, the concepts of sustainability has appeared in developed countries with holding several ... world are explained and their potentials and defeats are analyzed in order to use its advantage and avoid its defeats.
Patterns Retrieved from Islamic Wisdom in Iranian Islamic Architecture; Case Study Amir Flint of Yazd
**ABSTRACT:** Various aspects of Iranian art, including architecture principles are the same in structure, Iranian Architecture, Islamic architecture, and the endogenous approach, an attitude that may lead to a redefinition of the leading providers of Islamic architecture.

**Keywords:** Contemporary Architecture, Iranian Architecture, Islamic architecture, Yazd

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**Evaluating and Ranking Degree of Development in the counties of Kurdistan Province by Using Morris Quantitative Indicator**
ABSTRACT: Due to the necessity of integrated regional development, dependency analysis of human settlements in the level of areas shows that Bijar and Sanandaj Counties are in the first and second ranks and other counties are in the following ranks.

Keywords: Development, Kurdistan, Morris Index.

The New Attention to Atrium for Creating Sustainable Townscape
ABSTRACT: Townscape that is part of the city supervisory to get and understands it, in the other hand the layer of the city in the atrium how to achieve it, and finally review the sample managed atrium application to improve the townscape quality.

Keywords: Townscape, Atrium, Urban Space, Public Space, Sustainable Approach.
ABSTRACT: Regarding that constructing intelligent houses can meet a great part of users' needs, it is necessary to study parameters to a great extent in short times for designers. This research is followed in analytical-descriptive way and by library studies.

Keywords: Intelligent buildings, Mental frame, Parametric architecture, Physical frame.

ABSTRACT: Spread of urbanization lead to increasing the environmental problems for urban residents that it hasn't agreement with sustainable development. This research is followed in analytical-descriptive way and by library studies. For solving these problems, some indexes were presented for reducing the environmental problems in cities of Yazd province and get to urban sustainable development.

Keywords: Environment, Sustainable Development, Pollution, Waste Waters, Cities of Yazd Province.

ABSTRACT: Housing is one of the first things that humans have always had to grapple with and always trying to find appropriate and sustainable solutions. This research is followed in analytical-descriptive way and by library studies. The peak is year 1996.

Keywords: Metropolitan Area, Sustainability, Residential Buildings, Building Strength, Assess the Degree of Development.
ABSTRACT: Nowadays the main question in designers is about the consequences of their activities on the natural environment. How does their design affect the environment? How energy is consumed? What are the assumptions about human health? To answer these questions, the table of design was presented to make designers capable of accurate and classified design.

Keywords: Ecology, Built Environment, Sustainable Architecture, Ecological Design.

ABSTRACT: Investigating the thermal behavior of the wind catcher room of Rasoulian House in Yazd and proposing some methods for its improvement. Yazd traditional houses are valuable and precious inheritance from our ancestors; therefore, some actions such as constructing buildings in a suitable place, using natural materials, making minimum changes in the body of the building to prepare thermal comfort for its users.

Keywords: The Wind Catcher, Thermal Comfort, Natural Ventilation, Solar Vent Hole, Rasoulian House.

ABSTRACT: Essay on the characteristics of quadruplet elements and strategic analysis of the performance in traditional and modern architecture. Our ancestors were attention to nature and to preserve the purity and sanctity of it. This is particularly true of their approach to nature and the approach to the maximum exploitation of the dominant element in any area or in other words: ecology.

Keywords: Quadruplet Elements, Ecology Architecture, Swot, Renewable Energy, Sustainable Architecture.

ABSTRACT: Studying the significance and effects of parks and green areas on improving the citizens' life and embellishing urban spaces based on the seeking-escaping theory (case study: Shiraz Parks).
ABSTRACT:

The increasing growth of population as well as the complexity of urban issues, lack of appropriate financial and human resources, continue of economic problems, increasing of commuting, traffic congestion, increasing of noise and smoke, decrease of public spaces, increase of crime, increase of stress and tiredness, running away from routine, and etc and these spaces have significant effect on embellishing urban spaces.

Keywords:

Park, Green Area; Improving Life; Embellishing City; Seeking-Escaping Theory

ABSTRACT:

The quick growth of the population of the country and the subsequent growth in urban development cause an increase in intra-town trips and negative effect on urban architecture. Intra-town trips have a serious negative effect on the environment and it is necessary to take some measures to control and reduce these trips. This study concerns the relationship between electronic payment and reduction of intra-town trips, and subsequently consolidation of urban architecture.

Keywords:

Information and Communication Technology, intra-town trips, electronic payments, Yazd Township

ABSTRACT:

Though the experience of pedestrian establishing in the world backs to 70 years ago, this is a new approach in Iran. In this study, pedestrian zones have been evaluated in Tehran and a survey has been held on them. The evaluation is based on strength and weakness. The strengths of Tehran pedestrian zones include: vehicle and bus transportation, widespread using public transportation, public toilet and disabled facilities, public participation in creating zones, greenery, social and recreational facilities, and awareness of citizen participation in creating pedestrian zones. Weaknesses of pedestrian zones in Tehran include: lack of car parking, lack of security, weak management, ignorance of the importance of pedestrian zones, ignorance of disabled facilities, ignorance of public participation, and lack of awareness of citizen participation in creating pedestrian zones.

Keywords:

Pedestrian Zone, Evaluation, Comparative Comparison, Tehran

ABSTRACT:

Today towns are regarded as efficient elements in economical development of countries. Towns have various capabilities to attract and improve population and economy. In this study, Abarkouh as a tourist town has been investigated. By using IT, the Petersons are improved, travel times are reduced, contributing to the area constant development.

Keywords:

Tourism, Information and Communication Technology, Entrepreneurship, Economic Development, Abarkouh
Assessment less Developed Neighborhoods to Earthquake Risk (A Case Study of Qaradiyan Neighborhood of Sanandaj City)

Habibi K, Tavallaei R, Azami M.


ABSTRACT:
Earthquakes are known as a recurrent phenomenon during history. In most cases, they have destructive effects on human ... spaces, durable buildings and their low resistance of structure to earthquakes are some of the features of this district.

Keywords: Urban Sustainability, Vulnerability, Crisis Management, Fuzzy model

Sustainable Urban Development and Issues Dominating Design of Bike Lanes (Focusing Hamedan of Iran)

Rismanian M., Habibvand N.


ABSTRACT:
Nowadays with the increasing importance of issues such as sustainable development, and green transportation, using ... development, while investigating obstacles and problem of design and management of bike paths in Boulevard Eram Hamedan.

Keywords: Transportation Environment, Design Requirements, Comfortable And Easy Path, Standard, Path Continuity

Learning from European Capitals of Culture Program in Developing Urban Tourism

Jalalian Hosseini SM, Pourjafar MR, Ranjbar E.


ABSTRACT:
Cultural potential in today's urban design literature is considered as an efficient tool in urban regenerating in ... national pride and confidence and strengthening cultural cooperation in Europe.

Keywords: Capital of Culture Program; Europe's Experiences; Urban Tourism

Converting the Village to City and Sustainable Urban Development (A Case of Fars Province - Iran)

Omidi S, Khatoon Abadi A, Ebrahimi MS.


ABSTRACT:
In the recent years, increase in urban centers by promoting the big and susceptive villages is considered as one of the ... in indicators: increased tax costs, reduction in pasture land and difficulty of keeping livestock in the city limits.

Keywords: City, Conversion, Policy, Ruralization, Village.
The Influence of Material Properties and the Geometrical Parameters of the Operating Arch on the Stability of Vaults

ABSTRACT:
One of the key elements in architecture is vault. Because timbers are locally available only in certain parts of Iran, the structure of buildings is affected in certain places. The present study is a practical attempt to investigate the stability of vaults. It is a test case study in which the main factors are involved in the stability and strength of vaults. This study clearly revealed the effective role of geometric parameters, materials and thickness of arch base in vault stability.

Keywords: Sustainable architecture; Stability; Generate arch; Geometry; Material.

Study of Talesh City Architectural Design Based on Regional Climate

ABSTRACT:
Architecture climatology is a branch of applied climatology that affected human life. The structure of buildings in each climate are affected by climatic factors and the local culture. This study is an attempt to investigate the architectural design of Talesh city based on regional climate. The main factors related to climatic factors in architectural design such as wind, temperature, humidity, sunlight, rain, snow, and so on were used. This data are taken from the Meteorological organization which related to the years of 1992 to 2012.

Keywords: Climate, Architecture, Talesh, comfort, Mahoney