

نشریه علمی

معماری و شهرسازی ایران

دوره دهم، شماره ۱۷

بهار و تابستان ۱۳۹۸

شماره شاپا: ۵۸۹-۲۲۲۸

انجمن علمی تئوری هنر هنر بر اساس مکالمه اندیان

سنگش کیفیت های محیطی در دروازه شهر و اولویت بندی آنها با استفاده از فرایند تحلیل شبکه ای
کیومرث حبیبی، اسماعیل شیعی، مهدی سعیدی

ارزیابی عملکرد سیستم های ایستای انرژی (دیوار ترومپ و پدیده گلخانه ای) بر میزان مصرف انرژی ساختمان در اقلیم سرد
مهسا قدیری مقدم، وحید وزیری، هانیه صنایعیان، حجت‌الله رشید کلوبی

تفییرات شیوه زندگی و الگوی کالبدی خانه و تاثیرات متقابل آنها از دوران زندیه تا امروز
(مطلوبه موردي: شهرستان مراغه)
سید عباس یزدانفر، زهره ناصردوست

ترجیحات زیبایی شناختی پُرخالی در جداره های با الگوی معماری سنتی
(مطلوبه موردي: خانه های تاریخی تبریز)
علی یاران، مسعود وحدت‌طلب، حامد محمدی خوش‌بین

ارائه تعریفی جامع از معماری در بررسی مجموعه های صنعتی با نگرش سیستمی
جواد گودینی، محسن فامهر

جستاری پیرامون نور و مصاديق آن در معماری ایرانی؛ رهیافتی بسوی معنا در معماری
فریبا البرزی، فرح حبیب، ایرج اعتضام

تحلیل مورفولوژیک معماری مسکونی مدرن در کشورهای ترکیه و ایران
(نمونه موردي: کاخ چانکایا و کاخ سعدآباد)
محمد حامد موسوی، خسرو افضلیان

تأثیر تنوع محرك بصری در خلاقیت طراحی دانشجویان طرح یک معماری
محمد علی اشرف گنجوئی، محمود رضا تققی، محمد ایرانمنش

استفاده ترکیبی از چند روش در امکان سنجی قابلیت پیاده مداری معابر شهری
پویان شهابیان

معیارهای مرکزیت جهت تحلیل چیدمان عملکردی فضا
رمیماء رحمتی گواری، منصوره طاهیار، هادی قدوسی‌فر، فاطمه زارع میرک‌آباد

چگونگی بازتاب جلوه های میان‌منتهی در بازخوانش معماری معاصر ایران
سحر علینژاد مجیدی، وحید شالی امینی، هما ایرانی بهبهانی، محمد ضیمران

- Weber R., Brucks M. (2014). Aesthetic qualities of urban spaces, In IAEA Congress Proceedings.
- Weber R., Vosskoetter S. (2008). The concept of scale in architecture—three empirical studies, Empirical Studies of the Arts, Vol. 26, No. 2, pp. 219–246.
- Zabelina DL., Robinson MD., Ostafin BD., Council JR. (2011). Manipulating Mindfulness benefits creative elaboration at high levels of neuroticism, Empirical Studies of the Arts, Vol. 29, No. 2, pp. 243–255.

CONTENTS

Assessing Environmental Qualities in City Gateway and their Prioritization by Means of Analysis Network Process Kioumars Habibi, Esmaeil Shieh, Mehdi Saeidi	23
Performance Evaluation of the Passive Energy System (Trombe Wall and Conservatory) in Cold Climate for Energy Saving Mahsa Ghadiri Moghadam, Vahid Vaziri, Haniyeh Sanayeayan, Hojatollah Rashid Kolvir	36
Changes of Lifestyle and Physical Patterns of Houses and their Reciprocal Influences (Case Study: Maragheh City) Seyyed Abbas Yazdanfar, Zohreh Naserdoost	60
The Aesthetic Preferences of Porosity in Façades with Traditional Architecture Pattern (Case Study: Tabriz Historical Houses) Ali Yaran, Masoud Wahdattalab, Hamed Mohammadi Khoshbin	77
A Comprehensive Concept of Architecture in the Study of Industrial Complexes Based on Systems Theory Approach Javad Goudini, Mohsen Vafamehr	99
An Essay on Light and its Instances in Iranian Architecture; An Approach to Meaning in Architecture Fariba Alborzi, Farah Habib, Iraj Etessam	111
Morphological Analysis of Modern Residential Architecture in Turkey and Iran (Case Study: Chankaya Palace and Sa'ad Abad Palace) Mohammadhamed Mousavi, Khosrow Afzalian	126
The Influence of Visual Stimulus Diversity on Students' Creativity at Architectural Design Studio 1 Mahmoud Reza Saghafi, Mohammad Iranmanesh, Mohammad Ali Ashraf Ganjouei	140
Combined Use of a Few Different Methods in Measuring the Walkability Potential of Urban Pathways Pooyan Shahabian	158
Centrality Criteria for Analyzing the Functional Layout of Space Romisa Rahmati Gavari, Mansoureh Tahbaz, Seyed Hadi Ghodousi Far, Fatemeh Zare Mirakabad	173
Reflection of Intertextual Effects in Rereading the Contemporary Iranian Architecture Sahar Alinejad Majidi, Vahid Shaliamini, Homa Irani Behbahani, Mohammad Zaimaran	196

Scientific Journal of Iranian Architecture & Urbanism

Vol. 10, No. 17, Spring & Summer 2019

Licence Holder: Iranian Scientific Association of Architecture & Urbanism

Director-in-Charge: Mohsen Faizi (Professor of Architecture)

Editor- in- Chief: Mostafa Behzadfar (Professor of Urban Design)

Editorial Board

1. Behzadfar, Mostafa; Professor of Urban Design, Iran University of Science & Technology.
2. Bemanian, Mohammadreza; Professor of Architecture, Tarbiat Modarres University.
3. Diba, Darab; Professor of Architecture, Islamic Azad University(Central Branch).
4. Etessam, Iraj; Professor of Architecture, Islamic Azad University(Science and Research Branch)
5. Faizi, Mohsen; Professor of Architecture, Iran University of Science & Technology.
6. Gorji Mahlabani, Yousef; Professor of Architecture, Imam Khomeini International University.
7. Hashemnejad, Hashem; Associate Professor of Architecture, Iran University of Science & Technology.
8. Khakhzand, Mehdi; Associate Professor of Architecture, Iran University of Science & Technology
9. Mazaherian, Hamed; Associate Professor of Architecture, University of Tehran.
10. Memarian, Gholamhossein; Professor of Architecture, Iran University of Science & Technology.
11. Mohammad Moradi, Asghar; Professor of Restoration, Iran University of Science & Technology.
12. Mozaffar, Farhang; Associate Professor of Architecture, Iran University of Science & Technology.

Editorial Manager: Mehdi Khakhzand, Associate Professor, Iran University of Science & Technology

Editorial Advisor: Yousef Gorji Mahlabani, Professor, Imam Khomeini International University

English Language Editor: Soad Sarihi

Editorial Expert: Faezeh Fazlikhani, MA in Architecture

Paging and Formating: Elham Mennati Moheb

Publisher: Iran University of Science and Technology

Number: 50 issues

Price: 500000 Rls

Address: School of Architecture & Environmental Design, Iran University of Science & Technology (IUST), Narmak, Tehran, Iran.

Postal Code: 13114-16846

Email: iaau@iust.ac.ir

Web Site: www.isau.ir

Phone: (0098-21) 73228235

Fax: (0098-21) 77240468



Scientific Journal of
Iranian Architecture
& Urbanism

Spring & Summer 2019, VOL. 10, NO.17

ISSN: 2228- 589X

- **Assessing Environmental Qualities in City Gateway and their Prioritization by Means of Analysis Network Process**
Kioumars Habibi, Esmaeil Shieh, Mehid Saeidi
- **Performance Evaluation of the Passive Energy System (Trombe Wall and Conservatory) in Cold Climate for Energy Saving**
Mahsa Ghadiri Moghaddam, Vahid Vaziri, Hanieh Sanayeayan, Hojjatollah Rashid Kolvir
- **Lifestyle and Housing Pattern's Changes and their Interactions over Time Zand era to Today**
(Case Study: Maragheh City)
Seyyed Abbas Yazdanfar, Zohreh Naserdoost
- **The Aesthetic Preferences of Porosity in Façades with Traditional Architecture Pattern**
(Case Study: Tabriz Historical Houses)
Ali Yaran, Masoud Wahdattalab, Hamed Mohammadi Khoshbin
- **A Comprehensive Concept of Architecture in the Study of Industrial Complexes Based on Systems Theory Approach**
Javad Goudini, Mohsen Vafamehr
- **An Essay on Light and its Instances in Iranian Architecture; An Approach to Meaning in Architecture**
Fariba Alborzi, Farah Habib, Iraj Etessam
- **Morphological Analysis of Modern Residential Architecture in Turkey and Iran**
(Case Study: Chankaya Palace and Sa'ad Abad Palace)
Mohammadhammed Mousavi, Khosrow Afzalian
- **The Influence of Visual Stimulus Diversity on Students' Creativity at Architectural Design Studio 1**
Mahmoud Reza Saghaei, Mohammad Iranmanesh, Mohammad Ali Ashraf Ganjouei
- **Combined Use of a Few Different Methods in Measuring the Walkability Potential of Urban Pathways**
Pooyan Shahabian
- **Centrality Criteria for Analyzing the Functional Layout of Space**
Romisa Rahmati Gavari, Mansoureh Tahbaz, Seyed Hadi Ghodousi Far, Fatemeh Zare Mirakabad
- **Reflection of Intertextual Effects in Rereading the Contemporary Iranian Architecture**
Sahar Alinejad Majidi, Vahid Shaliamini, Homa Irani Behbahani, Mohammad Zaimaran