

CONTENTS

EDITORIAL Editor: Dr. Ranjith Dayaratne, Asian School of Architecture, Melbourne, Australia.	i
Material and Cultural Values in Joglo Architecture in Indonesia. Adi Santosa, Murni Rachmawati, & Vincentius Totok Noerwasito	1-15
The Architectural Character of Chinese Houses in the Semarang Chinatown, Indonesia M. Maria Sudarwani, Ramos P. Pasaribu, Sri Pare Eni & Galuh Widati	16-32
The Concept of Home as Manifested in the Baghdad Houses in Iraq Amna Bassim Mohammed Salih & Ghada Al-slik	33-56
Symbiotic Interactions in the Multi-ethnic Settlements in Semarang, Indonesia Anityas Dian Susanti, Bakti Setiawan, Dyah Titisari Widyastuti	57-70
The Visual Impact of Modern Constructions on the Old Cities in Indonesia: The Lawang Sewu Building in Semarang Hassan Gbran & Suzanna Ratih Sari	71-90
Types of Indian Rural Settlements: A Review of Literature Priya Tyagi, Bhavna Shrivastava, & Nand Kumar	91-106
Urban Parks as a Green Enhancement of City Branding: Insights from Iraq Sarah Mohammed Jameel & Shaimaa Hameed Hussien	107-122
Design Strategies to Achieve Thermal Comfort in Traditional Religious Buildings in Iraq Hanin Karim Ibrahim & Susan Abed Hassan	123-135
Semiotics of the Changes in the Architectural Ornaments of Pagelaran at Yogyakarta Javanese Palace in the 20th Century Sri Sunarti, Sudaryono, & Eugenius Pradipto	136-149

Digital Twinning as an Approach to Promoting Real Estate Projects: The Case of Residential Unit at the Lake West, Sheikh Zayed City, Cairo, Egypt Amr Atef Elhamy	150-172
Development of Virtual Reality Applications for Promoting Educational Tourism and Architectural History: Insights from Indonesia Sugesti Retno Yanti, Prasasto Satwiko & Djoko Budiyanto Setyohadi	173-186
Applying Deep Learning and Convolutional Neural Network System to Identity Historic Buildings: The “Little China” Building in Central Java, Indonesia. Sumaiyah Fitriani Dini, Eri Prasetyo Wibowo, Mohammad Iqbal, Yudi Nugraha Bahar, Affa Alfiandy	187-200
IT-based Representation and Visualization of the Batavia City Development During the XVI - Early XX century Period Wahyu Prakosa, Sarifuddin Madenda, Eri Prasetyo Wibowo, Raziq Hasan	201-216
Traditional Mashrabia and their Re-inventions for Cooling the Air and Constructing Identity in the Contemporary Architecture of the East Laura M. Aukhadiyeva	217-236