CONTENTS

Research Articles

- 137 A New Trend for Indoor Lighting Design Based on A Hybrid Methodology Fathalla Selim, Samah Mohammed Elkholy, Ahmed Fahmy Bendary
- 154 Effective Use of Daylight in Office Rooms
 Vitalii Burmaka, Mykola Tarasenko, Kateryna Kozak, Lukman Ahmed Omeiza, Nataliia Sabat
- The Impact of Courtyard and Street Canyon Surroundings on Global Illuminance and Estimated UV Index in the Tropics Rizki A. Mangkuto, Mochamad Donny Koerniawan, Beta Paramita
- 186 A Novel Approach to Multi-Apertures and Multi-Aspects Ratio Light Pipe Ali Goharian, Mohammadjavad Mahdavinejad
- 201 The Role of Orosi's Islamic Geometric Patterns in the Building Façade Design for Improving Occupants' Daylight Performance

 Seyedeh Nazli Hosseini, Seyed Morteza Hosseini, Milad Heirani Pour
- A Field-validated Multi-objective Optimization of the Shape and Size of Windows Based on Daylighting Metrics in Hotsummer Mediterranean and Dry Summer Continental Climates

 Farzam Kharvari
- 238 Improvement of Optical Performances Using the Hybrid CPV Sarah El Himer, Ali Ahaitouf
- 246 Phasor Method to Estimate Illuminances Due to Parallel Arrays of Light Sources Rizki A. Mangkuto, Atthaillah
- 258 Acrylic Panels Applications as Building Materials and Daylighting Devices
 Rawan AlQudah, Ahmed Freewan
- Optical Characteristics of Traditional Portuguese Azulejos: Mixing Colors to Obtain "Cool" Building Façades Laura Bellia, Viviana Del Naja, Francesca Fragliasso

viii

Short Communications

No-Greenery Line and Greenery-View Factor, New Architectural Design Tools

Barbara Szybinska Matusiak

doi: 10.15627/jd.2020.27