

Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings

Szentesi-Nejur, Szende; **De Luca, Francesco**; Nejur, Andrei; **Madelat, Payam** eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 <https://doi.org/10.52842/conf.ecaade.2023.2.105>

Facade-floor-cluster methodology for determining optimal building clusters for solar access and floor plan layout in urban environments

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Machine learning approach versus prediction formulas to design healthy dwellings in a cold climate

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Making use of point cloud for generating subtractive solar envelopes

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Simulation based daylight uniformity optimizations for elementary school projects in Quebec province

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Tropical responsive envelopes for urban heat island mitigation in tropical countries. A proposed workflow for integrated environmental digital simulation

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Wind comfort analysis and design of small scale elements for improving urban space livability - a case study in Tallinn, Estonia

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