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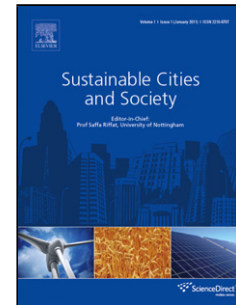
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Boundary value of the air distribution coefficient that ensures working effectivity of the air-condition system connected with ground heat exchanger and with PV installation

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Highlights

- Analysis of operation of a complex air-condition system consisting of conventional air conditioner, ground heat exchanger, and PV installation.
- Distribution of cooled air at the outlet from the round heat exchanger.
- Boundary values of air distribution coefficient.

Abstract: The paper presents the air-condition system that consists of a conventional air conditioner, ground heat exchanger (GHE), and PV installation, mounted on the vertical, south-exposed wall of the building. This complex system provides the possibility to distribute

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