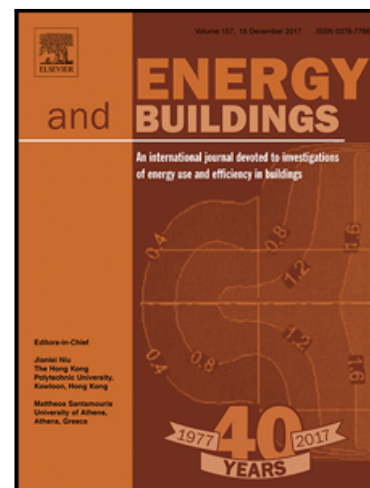


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Advanced Personal Comfort System (APCS) for the workplace: A review and case study

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Highlights

- Performance of user-controlled thermal office chair was studied using CFD, BES and field tests.
- CFD model simulated thermal distribution around thermal chair with a sitting manikin
- BES model simulated the energy performance of an open plan office with the thermal chair
- Forty five individuals used the chair and a survey questionnaire was applied

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