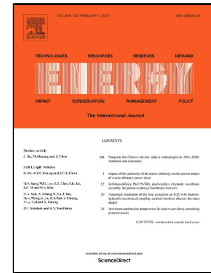


# Accepted Manuscript

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Part 1: adaptive technologies and simulation framework

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PII: S0360-5442(17)30458-9  
DOI: 10.1016/j.energy.2017.03.083  
Reference: EGY 10550  
To appear in: *Energy*  
Received Date: 05 June 2016  
Revised Date: 17 March 2017  
Accepted Date: 17 March 2017

Please cite this article as: Fabio Favoino, Qian Jin, Mauro Overend, Design and control optimisation of adaptive insulation systems for office buildings. Part 1: adaptive technologies and simulation framework, *Energy* (2017), doi: 10.1016/j.energy.2017.03.083

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# Design and control optimisation of adaptive insulation systems for office buildings. Part 1: adaptive technologies and simulation framework

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## Highlights:

- The characteristics of adaptive insulation systems for buildings are presented;
- Alternative control strategies for adaptive insulation systems are presented;
- A simulation framework for coupled design and control problems is presented;
- The simulation model for adaptive insulation is validated qualitatively.

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