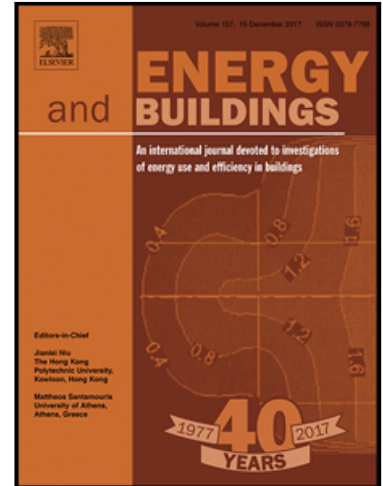


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Neural network based predictive control of personalized heating systems

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## Highlights

- Machine learning method is proposed for control of the personalized heating system
- Neural Network algorithm is applied to create individual predictive models
- The learned model is used to predict user's settings of personalized heating systems
- The models show high accuracy when predicting heating settings with new unseen data
- The predictive models were successfully implemented and tested on-line

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