Algorithm and Computer Program for the Dynamic Analysis of Hygrothermal Behaviour in Residential Buildings

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A program for the non-steady state calculus of the thermal condition of buildings is proposed. A harmonical model has been used to creating this program. The detailed presentation of the algorithm is followed by a case study drawn up for an enclosure with load-bearing masonry structure situated at intermediate and terminal layers, at different moments: in winter, when the heating is cut-off, and in summer.
Key Words:
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