

MODELING OF THE HEAT EXCHANGE PROCESSES

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The heat exchange processes computer models in combustion chambers of power installations have been elaborated with the help of cellular automata. The peculiarity of worked out models is in calculation of not homogeneous heat conduction coefficient in examined field. Comparison with analogs shows increase of computer models precision and rise of calculations rate in more than 4 times.

Computer modeling, heat exchange, combustion chambers, cellular automata

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