IDENTIFICATION OF THE PARAMETERS OF A WALL CONSTRUCTION OF BUILDINGS (MATHEMATICAL APPROXIMATION) FOR AN ABSORPTION REFRIGERATING SYSTEM BY KNOWING ITS REFRIGERATING POWER AND THE SOLAR INTENSITY

A. H. S. H. Musa* and L. Láng

ᵗJordanian Ministry of Education*
Technical University of Budapest

Abstract

The heat load of the inner space of the building, which comes through the wall con-struction, or develops inside (by people, machines, etc.) is equal to or less than the refrige-rator power in the examination period.

We consider the allowed refrigerator power to be given, which means the heat load of the inner space. This enters the inner space through the wall construction the parameters of which are unknown to us. The question is, which wall contsruction fulfills the given require-ments.

The method is suitable for determining the wall parameters.

A. H. S. H. Musa ⎫
L. Láng   ⎬   H-1521 Budapest
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