

**THE CALCULATION OF THE THERMAL FIELD OF MASSIVE BODIES  
MOVING BAND HEAT SOURCE****I. V. Pershin**

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Considered the second boundary value problem of the heating of a massive body of highly concentrated moving strip source heat a large capacity. Built the major members of the interior and exterior asymptotic expansions of solutions, investigated the behavior of this solution in the the area of influence of a heat source.

Keywords: boundary value problems for partial differential equations, asymptotics of a solution.

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