

## Werk

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sidered are of the form  $C = D \times (T_1, T_2)$ , where  $D \subset R^n$ . But we now see that in the case of the time moving boundary the situation is rather more complicated.

As we have just noted, only a special type of the third boundary value problem can be solved by solving the integral equation (1.12). An investigation of a rather more general type of the third boundary value problem for the heat equation on the domain  $E$  will appear in another paper.

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*Author's address*: 166 27 Praha 6 - Dejvice, Suchbátarova 2 (Katedra matematiky FEL ČVUT).