

DIFFERENCE SCHEMES FOR MIXED PROBLEM FOR HEAT EQUATION IN ANGULAR DOMAIN

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ABSTRACT

In the paper, it is constructed with difference schemes which approximately mixed problem for heat equation and shown their stability. There exist various methods to develop difference schemes which are mainly based on exchanging derivatives with difference schemes.

KEYWORDS: *Difference Schemes, Wave Equation, Approximation, Finite Difference, Stability, Boundary Conditions*

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