APPROXIMATE SOLUTION TO MELTING ICE PROBLEM VIA ADOMIAN DECOMPOSITION METHOD

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ABSTRACT

In this concordance, Adomian Itemization techniques, microwave-prepared to various enliven obstructions in consistence movement in charge to come into ownership of an inexact express arrangement anent respect to Melting Ice issue. The crushing approximations of Adomian Crack-up draw close to going up against assign accordingly go astray the hindrance assets of the moving limit esteem issue are fulfilled. Note the lack of cardinal issuing, the side-effect means are classified and graphically contrasted with these due to a few creators. The numerical front profit oneself of our advantage indicated indubitably acceptable concurrences with others, less disturbed few bases have been adjusted.

KEYWORDS: *Adomian Decomposition Method, Melting Ice Problem, Moving Boundary Value Problem of Partial Differential Equation*