Accepted Manuscript

The solution of initial-boundary value problems with non-local boundary conditions using exponential basis functions

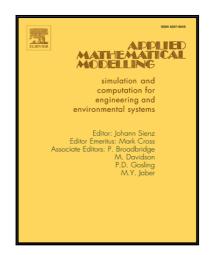
B. Movahedian, B. Boroomand

PII: \$0307-904X(15)00643-5 DOI: 10.1016/j.apm.2015.09.100

Reference: APM 10808

To appear in: Applied Mathematical Modelling

Received date: 14 March 2014
Revised date: 22 August 2015
Accepted date: 30 September 2015



Please cite this article as: B. Movahedian, B. Boroomand, The solution of initial-boundary value problems with non-local boundary conditions using exponential basis functions, *Applied Mathematical Modelling* (2015), doi: 10.1016/j.apm.2015.09.100

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- A boundary meshless method for problems with non-local boundary conditions.
- Application to initial value problems with non-local boundary conditions.
- Use of exponential bases functions in time and space.
- Study on the accuracy of the solution through an indicator norm.



Download English Version:

https://daneshyari.com/en/article/10677514

Download Persian Version:

https://daneshyari.com/article/10677514

Daneshyari.com