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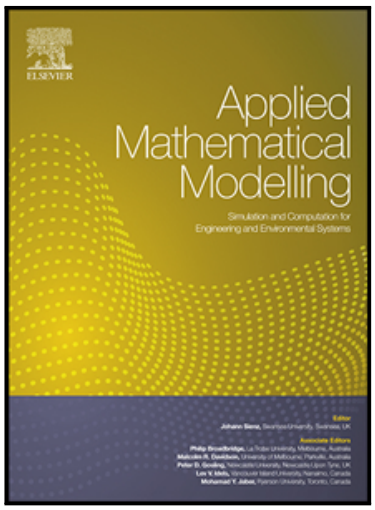

A boundary-only treatment of singular boundary method for two-dimensional inhomogeneous problems

Xing Wei , Linlin Sun , Shuohui Yin , Bin Chen

PII: S0307-904X(18)30254-3
DOI: 10.1016/j.apm.2018.06.009
Reference: APM 12308

To appear in: *Applied Mathematical Modelling*

Received date: 6 August 2017
Revised date: 5 April 2018
Accepted date: 5 June 2018

Please cite this article as: Xing Wei , Linlin Sun , Shuohui Yin , Bin Chen , A boundary-only treatment of singular boundary method for two-dimensional inhomogeneous problems , *Applied Mathematical Modelling* (2018), doi: 10.1016/j.apm.2018.06.009

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Highlights:

- A boundary-only singular boundary method is proposed for inhomogeneous problems.
- The method unifies the MRM and SBM.
- The boundary-only merit decreases the quantity of preparing data.
- The simple formulas of the origin intensity factors are derived for high-order fundamental solutions.
- The MRM-SBM performs well in problems with corner singularities.

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