

Accepted Manuscript

A Reduced-Order Model of Mould Heat Transfer in the Continuous Casting of Steel

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PII: S0307-904X(16)30202-5
DOI: [10.1016/j.apm.2016.04.002](https://doi.org/10.1016/j.apm.2016.04.002)
Reference: APM 11122

To appear in: *Applied Mathematical Modelling*

Received date: 24 July 2015
Revised date: 23 March 2016
Accepted date: 13 April 2016

Please cite this article as: Lance C. Hibbeler, Melody M. Chin See, Junya Iwasaki, Kenneth E. Swartz, Ronald J. O'Malley, Brian G. Thomas, A Reduced-Order Model of Mould Heat Transfer in the Continuous Casting of Steel, *Applied Mathematical Modelling* (2016), doi: [10.1016/j.apm.2016.04.002](https://doi.org/10.1016/j.apm.2016.04.002)

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Highlights

- A simple 1D analytical model of mold heat transfer in continuous casting is derived
- A calibration procedure that imparts 3D accuracy to the 1D model is established
- Calibration depends on geometry and not on boundary conditions or properties

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