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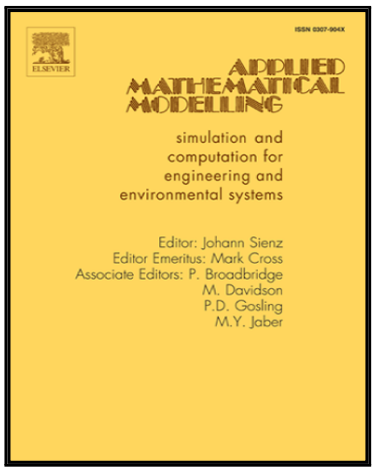

A four phase model for the macrosegregation and shrinkage cavity during solidification of steel ingot

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Highlights

- Details of a multiphase model incorporating both macrosegregation and shrinkage cavity.
- In-depth analysis of macrosegregation mechanisms.
- New hypothesis of A-segregates in large steel ingots.
- Experimental validation.

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