

2007 CCC Reports (on CD)

Thermo-Mechanical Model of Solidification Processes with Abaqus (2007)

Seid Koric, Brian G. Thomas

Mechanism of Hook Formation in Ultralow-carbon Steel Based on Microscopy Analysis and Thermal-stress Modeling (2007)

Joydeep Sengupta, Brian G. Thomas, Ho-Jung Shin, Seon-Hyo Kim

Investigating Mould Heat Transfer in Thin Slab Casting with CON1D (2007)

Begoña Santillana, Brian G. Thomas, Arie Hamoen, Lance C. Hibbeler, Arnoud Kamperman, Willem van der Knoop

Validation of Heat Transfer Modeling in Slab Casting Molds Using CON1D (2007)

Lance C. Hibbeler, Brian G. Thomas

Three-dimensional Microstructure of Frozen Meniscus and Hook in Continuous-cast Ultra-low-carbon Steel Slabs (2007)

Go Gi, Lee, Ho Jung, Shin, Brian G. Thomas, Seon Hyo, Kim, Dong Su, Kim, Sung Jong, Yu

Microstructure near corners of continuous-cast steel slabs showing three-dimensional frozen meniscus and hooks (2007)

Go-Gi Lee, Brian G. Thomas, Ho-Jung Shin, Seung-Kwan Baek, Choon-Haeng Choi, Dong-Su Kim, Sung-Jong Yu, Seon-Hyo Kim

Design and Implementation of a Real-time Spray Cooling Control System for Continuous Casting of Thin Steel Slabs (2007)

Kai Zheng, Bryan Petrus, Brian G. Thomas, Joseph Bentsman

Model of Thermal-Fluid Flow in the Meniscus Region During An Oscillation Cycle (2007)

Claudio Ojeda, Brian G. Thomas, Jon Barco, Jose Luis Arana

Validation of CON1D Slab Surface Temperature Prediction Using Goodrich Pyrometer Measurements at Mittal Riverdale (2007)

Huan Li, Brian G. Thomas

Thermo-mechanical models of steel solidification based on two elastic viscoplastic constitutive laws (2007)

Seid Koric, Brian G. Thomas

Modeling of Stress, Distortion and Hot Tearing (2007)

Brian G. Thomas, Michel Bellet

Interaction between Molten Steel and Runner Materials during Steel Ingot Bottom Teeming Process (2007)

Lifeng Zhang, Brian G. Thomas, Ken Eakin

Investigation of Fluid Flow and Steel Cleanliness in the Continuous Casting Strand (2007)

Lifeng Zhang, Subo Yang, Kaike Cai, JiYing Li, XiaoGuang Wan, Brian G. Thomas

Delavan Nozzle Characterization at CINVESTAV (2007)

Sami Vapalahti, * Humberto Castillejos E, F** Andrés Acosta G, ** Alberto C. Hernández B, A. ** and Brian G. Thomas

Spray Heat Transfer Research at CINVESTAV (2007)

Sami Vapalahti, * Humberto Castillejos E, F** Andrés Acosta G, ** Alberto C. Hernández B, A. ** and Brian G. Thomas***