
Analysis and Modeling of Heat Transfer in Rotary Pipes with Lifting Blades

> Abschlussbericht: "Analyse und Modellierung des Wärmeübergangs in Drehrohren mit Hubschaufeln" - AiF-Vorhaben-Nr. 189 BG (https://www.ltv.ovgu.de/ltv_media/Downloads/Forschung/Schlussbericht_Drehrohrreinbauten_IGF+18916+BG_1-p-1320.pdf)

Research Focuses

- ▶ Dynamic Simulation of Heat Treatment Processes
- ▶ Intensive Cooling of Metals with Hardness and continuous casting Processes
- ▶ Cumulative Energy and CO₂ Balances
- ▶ Heat Transfer Processes
- ▶ Influence of Surface Roughness on secondary Cooling in continuous Casting of non-ferrous Metals
- ▶ Analysis and Modeling of Heat Transfer in Rotary Pipes with Lifting Blades