

COMPUTATIONAL PHASE TRANSFORMATION IN METALS

PROJECT AIM

The aim is to simulate processes occurring during heat treatments of metals.

PROGRESS

A multi-dimensional model for the dissolution of multicomponent lamellar cementite (pearlite) has been constructed. A paper is being written about this topic in collaboration with researchers from materials science. The model takes into account geometrical issues.

DISSERTATIONS

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SCIENTIFIC PUBLICATIONS

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PROJECT LEADERS

FJ Vermolen

RESEARCH THEME

Complex dynamics of fluids

PARTICIPANTS

FJ Vermolen, L Zhao, J Sietsma

COOPERATIONS

Corusgroup (Aluminium),
Department of Materials Science and
Engineering

FUNDED

DCMAT

1st 100% 2nd - 3rd -

START OF THE PROJECT

2003

INFORMATION

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