



# Thermo-Calc Software

**References for DICTRA and its Applications**

The references selectively listed in this document are regarding the development of the DICTRA software/database/interface package, kinetic models implemented in the software, mobility databases used together with the package, and some specific applications utilizing it. A search of the literature will also include other available references not listed here.

## General References with descriptions of the DICTRA software and the models used in the software

### A.1 General description of DICTRA and its applications

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### A.2 Models for diffusivities/mobilities in DICTRA

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### A.3 Numerical method for solving the multicomponent diffusion equation

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### A.4 Numerical method for moving boundary problems

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### A.5 Numerical method for diffusion in dispersed systems

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### A.6 Numerical method for coarsening of precipitates

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### A.7 Numerical method for diffusion through multiphase structures

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### A.8 Steels

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## A.10 Aluminum based alloys

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### A.11 Cemented carbides

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### A.12 PM steels

#### Diffusion during sintering

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