
Thermodynamic model of phase equilibrium of multicomponent alloys based on Fe–Cr–Co and scheme of calculation organization within it

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An approach to the organization of calculations with the thermodynamic model that describes the phase equilibria in multicomponent magnetic alloys on the basis of Fe–Cr–Co. A brief introduction to the subject area of the problem, a description of the main components of the model and a detailed calculation scheme are presented.

Keywords: *parallel computing, thermodynamic modeling, multicomponent alloys based on Fe–Cr–Co system, object-oriented software design, phase equilibrium.*

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