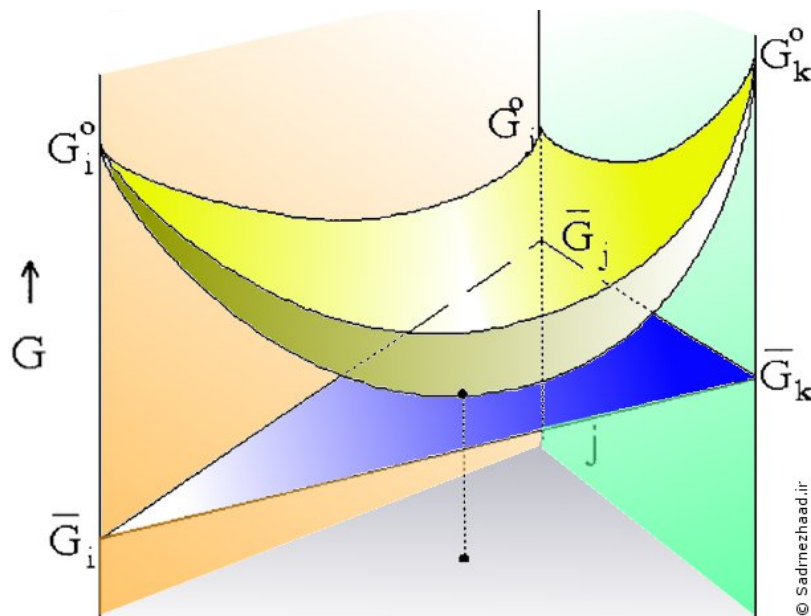


Thermodynamics and Kinetics of Materials

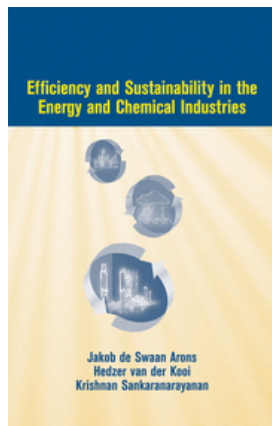
Spring 2010



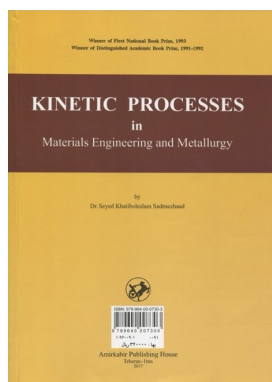
PhD Course

Titles:

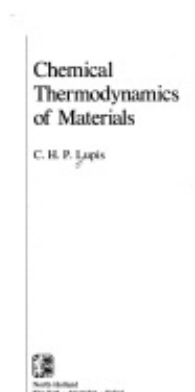
- Thermodynamic Laws and their applications in materials systems
- Solutions and alloys
- One, two and three components phase diagrams
- Mass action Law
- Fick's Laws and their applications
- Kinetic models
- Phase transformations
- Practical examples



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