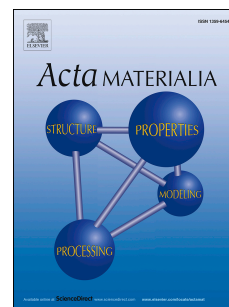


# Accepted Manuscript

Application of the thermodynamic extremal principle to diffusion-controlled phase transformations in Fe-C-X alloys: Modeling and applications

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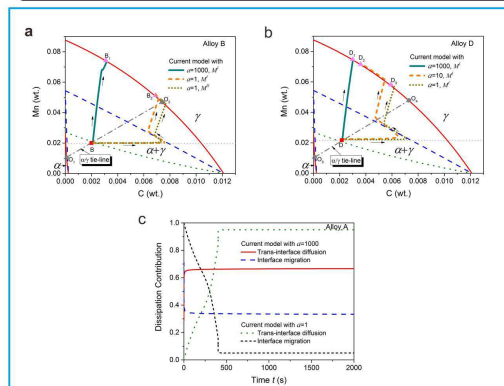
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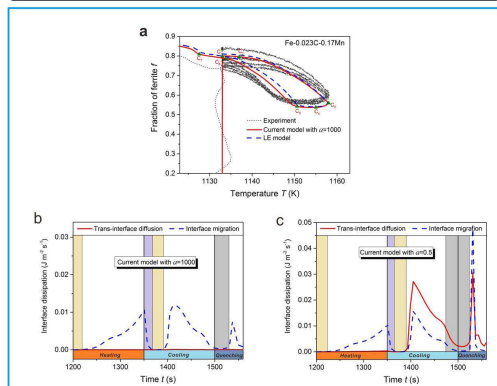
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## Isothermal diffusion-controlled phase-transformations



## Cyclic diffusion-controlled phase-transformations



Both the dissipations by trans-interface diffusion and interface migration were found to be significantly important and cannot be neglected

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