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Characterization of the misfit dislocations at the ferrite/cementite interface in pearlitic steel: An atomistic simulation study

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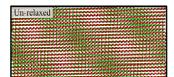
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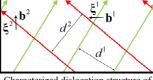
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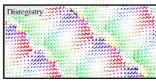
Un-relaxed structure of ferrite/cementite bilayer for PP OR.



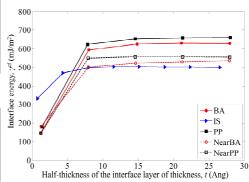
Relaxed structure of ferrite/cementite bilayer for PP OR.



Characterized dislocation structure of ferrite/cementite bilayer for PP OR.



2D disregistry plot of ferrite/cementite bilayer for PP OR.



The interface energies for five ORs with increasing half-thickness of the interface layer of thickness, t.

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