

8. Phase Boundaries

8.1 Misfit Dislocations

8.1.1 Modifications of the CSL Concept and Misfit Dislocations

8.1.2 Energy of Misfit Dislocations and Critical Thickness

8.1.3 Other Defects in Phase Boundaries

8.2 Case Studies

8.2.1 Ni Silicides

8.2.2 Case Study for Pd Silicides

8.3 Steps in Interfaces

8.3.2 Open Questions