

chemical diffusion

Diffusion under the influence of a *gradient* in chemical composition. In concentrated solid solutions, e.g. $A_{1-x}B_x$, or in diffusion couples, the motion of one *constituent* causes a counterflow of the other constituents(s) or vacancies. In this case one can define a diffusion coefficient for the intermixing, which is called the chemical diffusion coefficient or interdiffusion coefficient.

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