

Determination of vacancy jump frequency ratios and correlation factors of impurity diffusion and estimation of vacancy-impurity binding Gibbs free energies in dilute silver-antimony alloys

This article has been downloaded from IOPscience. Please scroll down to see the full text article.

1989 J. Phys.: Condens. Matter 1 7733

(<http://iopscience.iop.org/0953-8984/1/41/526>)

View [the table of contents for this issue](#), or go to the [journal homepage](#) for more

Download details:

IP Address: 171.66.16.96

The article was downloaded on 10/05/2010 at 20:35

Please note that [terms and conditions apply](#).

CORRIGENDUM

Determination of vacancy jump frequency ratios and correlation factors of impurity diffusion and estimation of vacancy–impurity binding Gibbs free energies in dilute silver–antimony alloys by H Hagenschulte and Th Heumann
(*J. Phys.: Condens. Matter* 1989 1 3601–3614)

Page 3608

Line 7 of the text should read

. . . . According to the definition, $C = k[d \ln f_B/d(1/T)]$. . .

Page 3612

Equation (22) should read

$$D_B^*(0)/D_A^*(0) = (\nu_B/\nu_A)(f_B/f_0) \exp(\Delta S/k) \exp[-(H_B^f + H_B^m - H_A^f - H_A^m)/kT] \quad (22)$$

Page 3613

Equation (23) should read

$$\nu_B/\nu_A = [(H_B + C)/H_A](M_A/M_B)^{1/2} \quad (23)$$