
CORRIGENDUM

K. A. Marino, E. A. Carter*

The Effect of Platinum on Diffusion Kinetics in β -NiAl: Implications for Thermal Barrier Coating Lifetimes

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The authors regret that the value of h was erroneously used instead of Planck's constant, h ($h = 2\pi\hbar$), when calculating vibrational entropies using Equation (4) on page 228. The consequence of this error is that the values given for the entropic factors, $e^{(-\Delta S/k_B)}$, and diffusion constant pre-exponential factors, D_{0r} , in Tables 1, 2 b, 3 b and 4 b are too large by a factor of 2π . This error does not affect the overall trends or conclusions presented in the paper, but the agreement of the pre-exponential factors with experimental data is poorer than previously represented.