

Corrigendum

Embedded atom method potentials employing a faithful density representation

P Mitev, G A Evangelakis and Efthimios Kaxiras 2006 *Modelling Simul. Mater. Sci. Eng.* **14** 721–731

There are some omissions and mismatches for the data provided in the article that makes it impossible to reproduce important results presented in the paper.

There is an inner cutoff for Eq. (6) of 0.2 Å.

The correct values of the following parameters in Table 1 are:

$$\begin{array}{ll} a_0^{(0)} = -0.3074 & a_0^{(1)} = -0.2624 \\ a_2^{(0)} = -2.1927 & a_2^{(1)} = -3.5598. \end{array}$$

In Eq. (9) there is an overall normalization factor $1/N$, with $N=0.130032479$.