Erratum: High-throughput combinatorial study of the effect of M site alloying on the solid solution behavior of $M_2\text{AlC}$ MAX phases [Phys. Rev. B **94, 104106 (2016)]**

Anjana Talapatra, T. Duong, W. Son, H. Gao, M. Radovic, and R. Arróyave

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In this Erratum, we correct some typographical errors that were overlooked during editing. In the text, the following corrections are to be applied:

Fig. 9 caption: Calculated electronic density of states (DOS) for (a) Mn_2AlC and (b) $(\text{Ti}_{0.5}\text{V}_{0.5})_2\text{AlC}$. Red, blue, and green colors indicate the contributions of the d , s , and p orbitals, respectively. The top panels indicate the total and orbital projected density of states, while the middle and lower panels indicate the site-projected density of states. (a) Mn_2AlC . (b) $(\text{Ti}_{0.5}\text{Mn}_{0.5})_2\text{AlC}$. should read:

Calculated electronic density of states (DOS) for (a) Mn_2AlC and (b) $(\text{Ti}_{0.5}\text{Mn}_{0.5})_2\text{AlC}$. Red, blue, and green colors indicate the contributions of the d , s , and p orbitals, respectively. The top panels indicate the total- and orbital-projected density of states, whereas the middle and lower panels indicate the site-projected density of states. (a) Mn_2AlC . (b) $(\text{Ti}_{0.5}\text{Mn}_{0.5})_2\text{AlC}$.

Fig. 12 caption: Calculated electronic density of states (DOS) for (a) Zn_2AlC and (b) $(\text{Ti}_{0.5}\text{V}_{0.5})_2\text{AlC}$. Red, blue, and green colors indicate the contributions of the d , s , and p orbitals, respectively. The top panels indicate the total and orbital projected density of states, while the middle and lower panels indicate the site-projected density of states. (a) Zn_2AlC . (b) $(\text{Ti}_{0.5}\text{Zn}_{0.5})_2\text{AlC}$. should read:

Calculated electronic DOS for (a) Zn_2AlC and (b) $(\text{Ti}_{1/3}\text{Zn}_{2/3})_2\text{AlC}$. Red, blue, and green colors indicate the contributions of the d , s , and p orbitals, respectively. The top panels indicate the total- and orbital-projected density of states, whereas the middle and lower panels indicate the site-projected density of states. (a) Zn_2AlC . (b) $(\text{Ti}_{1/3}\text{Zn}_{2/3})_2\text{AlC}$.

In Sec. IVA3, p. 7, the second sentence “The system is seen to favor ordering at the $(\text{Ti}_{1/3}\text{V}_{2/3})_2\text{AlC}$ composition.” should read: The system is seen to favor ordering at the $(\text{Ti}_{1/3}\text{Zn}_{2/3})_2\text{AlC}$ composition.

These errors are only typographical in nature, and in the context of the results, can be spotted easily. The results presented and conclusions drawn are unaffected by the typographical errors.