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Qing-An Zhang,* Yumiko Nakamura, Ken-ich Oikawa, Takashi Kamiyama, and Etsuo Akiba: Synthesis and Crystal Structure of Sr_2AlH_7 : A New Structural Type of Alkaline Earth Aluminum Hydride.

Pages 6547–6549. We described the crystal structure of Sr_2AlH_7 in space group $I2$ and found an additional relationship between atoms $\text{M}(x, y, z)$ and $\text{M}'(-x, -y, \frac{1}{2} - z)$ in this paper. As a matter of fact, the relationship represents a symmetry operation in space group $I2/a$ if an origin shift of $(\frac{1}{4}, \frac{1}{4}, 0)$ is performed. Thus the crystal structure of Sr_2AlH_7 should be described in space group $I2/a$ (No. 15). Tables S1 and S2 in the Supporting Information of the original paper should be replaced by Tables S1-C and S2-C, respectively, in the new Supporting Information. In Table 1 of the paper, atoms M and M' should be represented by one atom M . The origin of the unit cell in Figure 2 should be shifted by $(\frac{1}{4}, \frac{1}{4}, 0)$. We are indebted to Dr. Holger Kohlmann for bringing the matter to our attention.

Supporting Information Available: Tables S1-C and S2-C. This material is available free of charge via the Internet at <http://pubs.acs.org>.

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