

**Erratum: Coating of a layer of Au on Al<sub>13</sub>: The findings of icosahedral Al@Al<sub>12</sub>Au<sub>20</sub><sup>-</sup> and Al<sub>12</sub>Au<sub>20</sub><sup>2-</sup> fullerenes using *ab initio* pseudopotential calculations [Phys. Rev. B **79**, 085423 (2009)]**

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The Al<sub>12</sub>Au<sub>20</sub> fullerene was wrongly mentioned to be a 14 carat Au fullerene. The correct value of the purity obtained from  $20 M_{\text{Au}} / (12 M_{\text{Al}} + 20 M_{\text{Au}})$  with  $M_x$ , the atomic mass of the X atom, is 0.924 which is about 22 carat and surprisingly close to the best purity jewelry available in the market. A large atomic fraction of significantly lighter elements can be added to gold keeping the carat high but from the point of view of physical properties, gold does not remain that pure with only 62.5 at. % in the present case. The other contents in the paper remain unaffected.

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