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Unconventional ring currents in an `all-metal aromatic', $Al_4^{2â^'}$

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Abstract

The square planar anion $Al_4^{2â^'}$ supports an unconventional diamagnetic ring current which originates in the *Ïf* system, has negligible contribution from the two-electron Ï€ system, and survives in pyramidal bimetallic clusters $MAl_4^{â^'}$ (M=Li, Na, Cu).

Previous article

Next article

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approximations.
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