

ARTICLE

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Hexadecapolar colloids

Bohdan Senyuk¹, Owen Puls¹, Oleh M. Tovkach^{2,3}, Stanislav B. Chernyshuk⁴ & Ivan I. Smalyukh^{1,5,6}

Outermost occupied electron shells of chemical elements can have symmetries resembling that of monopoles, dipoles, quadrupoles and octupoles corresponding to filled s -, p -, d - and f -orbitals. Theoretically, elements with hexadecapolar outer shells could also exist, but none of the known elements have filled g -orbitals. On the other hand, the research paradigm of

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Competing financial interests:

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