

ARTICLE

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Hexadecapolar colloids

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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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Measuring anisotropic diffusion of elastic NLC hexadecapoles
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$$D = \times \text{ } \mu \text{ } \quad D_{\perp} = \times \text{ } \mu \text{ }$$

Competing financial interests:

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