

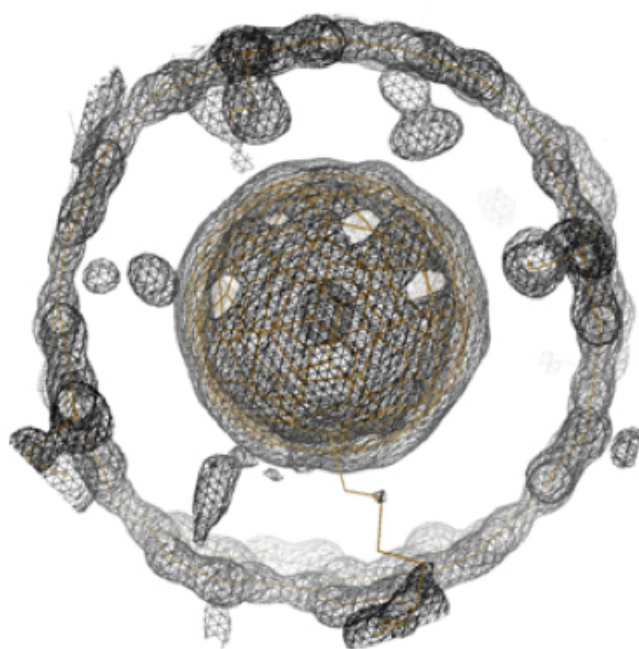
Solid-state dynamics of molecular bearings assembled by weak interactions

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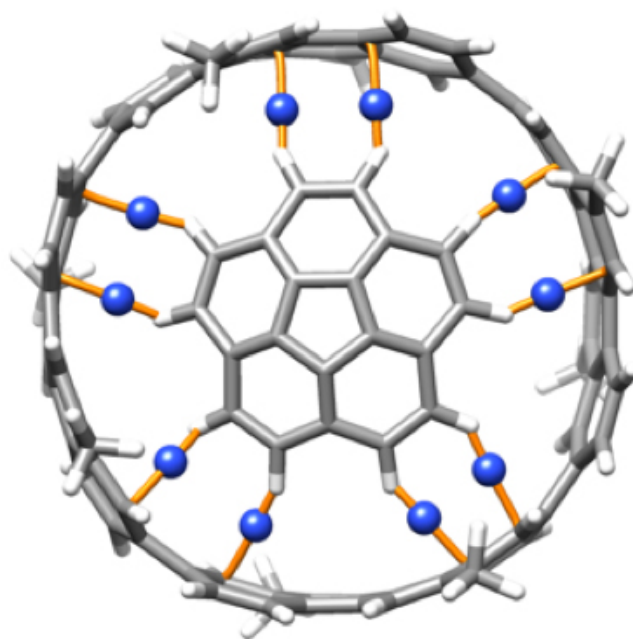
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I wish to introduce and discuss our recent research about "molecular bearings".

Keywords: nanocarbon, molecular crystals, molecular rotations, carbon nanotubes, fullerenes



**Solid-state inertial rotations
(van der Waals)**



**Solid-state single-axis
(CH- π hydrogen bonds)**