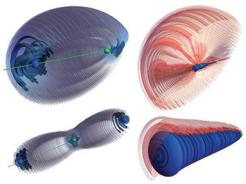

A gallery of trilobitelike ghost bonds in Rydberg molecules shown as isosurfaces of electronic probability, cut away to reveal the inner structure. Selected for a Synopsis in *Physics* and an Editors' Suggestion. [Matthew T. Eiles, Zhengjia Tong, and Chris H. Greene, Phys. Rev. Lett. **121**, 113203 (2018)]

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This paper was highlighted in the APS publication *Physics* (physics.aps.org).
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