Review of: "A New Family of Solids: The Infinite Kepler-Poinsot Polyhedra"

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Potential competing interests: Yes, I have no potential competing interests to declare.

In this paper, by placing side by side and on top of each other, identical regular hexagons meet in each vertex, always with the same spatial angle, the author discovered two types of new polyhedra. There are 8 of them in each vertex, and so it is not a compound of twice two polyhedra with 4 hexagons in each vertex. The dual of this {6, 8} polyhedron of infinite Kepler-Poinsot type is indeed a {8, 6} polyhedron of infinite Kepler-Poinsot type, if two overlapping squares are considered as one 8/4 octagonal star. It is a quite interesting descovery. I expect that the author could make the 3D printer models for it.