

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

Paolo Dulio¹

¹ Polytechnic Institute of Milan

Potential competing interests: No potential competing interests to declare.

In this paper the author considers the Kepler-Poinsot solids, aiming in clarifying their geometric structure.

The idea of using open faces is nice, and surely improves the understading of the constructions. Picture are very sharp and meaningful.

In my opinion the paper is a pleasant and readable presentation. However, I am not an expert on the treated topic, so I feel that, for any interested reader, expanding a bit on the Schläfli symblos for polyhedra and stars could be really appreciated.

Some items should be refined. For example "If we now place an infinite number of ..." should be "If we now place infinitely many...", or the term "regular polyhedron" extended to non-convex shapes should be commented a bit from the mathematical point of view