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Euclidean Realizations of Triangulated Polyhedra

Let $C = (d_0, \dots, d_n)$ be an admissible degree sequence for a triangulated polyhedron P_n with $n + 1$ vertices. We give necessary and sufficient conditions on its Euclidean parameters (angles, lengths, ...) for being realized in the usual 3D-space.

Keywords: Polyhedron, combinatorics, triangulation, Euclidean parameters, quaternions.

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