Title: Acute triangulations of double planar convex bodies

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A (2-dimensional) double convex body $2K$ is a surface homeomorphic to the sphere consisting of two planar isometric compact convex bodies, $K$ and $K'$, with boundaries glued in the obvious way. In this note we prove that, if $K$ admits two perpendicular axes of symmetry and $\text{bd}K$ satisfies a certain curvature condition, then $2K$ admits an acute triangulation of size 72. In particular, each double ellipse admits such a triangulation.

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