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Mathematics > Differential Geometry

Flows of constant mean curvature tori in the 3-sphere: The equivariant case

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We present a deformation for constant mean curvature tori in the 3sphere. We show that the moduli space of equivariant constant mean curvature tori in the 3-sphere is connected, and we classify the minimal, the embedded, and the Alexandrov embedded tori therein.

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