

## Rotational symmetry of uniformly 3-convex translating solitons of mean curvature flow in higher dimensions

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**Abstract.** In this paper we generalize to any dimension a previous result of us, by proving that any uniformly 3-convex translating soliton of mean curvature flow in  $\mathbb{R}^{n+1}$  which arise as the blow-up limit of an embedded, mean convex mean curvature flow must have  $SO(n-1)$  symmetry.

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