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Rigidity Theorem of Hypersurfaces with Constant Scalar Curvature in a Unit Sphere

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摘要

关键词 [principal curvature](#) [Clifford torus](#) [Gauss equations](#)

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Rigidity Theorem of Hypersurfaces with Constant Scalar Curvature in a Unit Sphere

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Abstract In this paper, we give a characterization of tori $S^1 \times S^{n-1}$ and $S^m \times S^{n-m}$. Our result extends the result due to Li (1996) on the condition that M is an n -dimensional complete hypersurface in S^{n+1} with two distinct principal curvatures.

Key words [principal curvature](#) [Clifford torus](#) [Gauss equations](#)

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