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Flow by powers of Gauss curvature in space forms

Flow by powers of Gauss curvature is an important extrinsic flow in differential geometry. The flow in Euclidean space was considered by many authors and many interesting results had been got there. In this talk, I will talk about the problem in space forms and establish the analogous results to that of the Euclidean case. This is based on a recent work joint with Min Chen.