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Quasiconformal maps on metric 4-spheres. Preliminary report.

For metrics on the differentiable 4-sphere close to the standard one, we construct quasiformal maps to the standard 4-sphere which are bi-Lipschitz with control of the biLipschitz constant depending on the L^2 integral of the Weyl tensor. This result maybe viewed as an extension of a similar construction by Bonk-Heinonen-Saksman for the standard conformal structure of R^4 . In this work, we make an essential work of Chang-Chen of Ricci flow. (Received March 05, 2021)