$https://Xiyou-Wu.github.io/RiemannianGeometry\ https://github.com/Xiyou-Wu/RiemannianGeometry\ https://Xiyou-Wu.github.io/RiemannianGeometry/docs$

RiemannianGeometry

Xiyou

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Chapter 1

Main results

There are our main results.

Lemma 1 (Luo's lemma). luo lemma For any $\epsilon > 0$, there exists a positive number l so that when $r_i > l$, the inner angle θ_i^{jk} in the hyperbolic triangle \triangle_{ijk} is smaller than ϵ .