## Notes on Cheeger-Colding-Tian Theory and Yau's Uniformization Conjecture

Yuang Shi

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## **Abstract**

Lecture notes on Cheeger-Colding-Tian theory and Yau's uniformization conjecture. We firstly give a fundamental introduction to Cheeger-Colding-Tian theory. Then we present its applications to Yau's uniformization conjecture and some related problems.

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