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Frederick Gardiner* (frederick.gardiner@gmail.com) and **Zhe Wang**
(wangzhecuny@gmail.com). *Extremal Properties for Teichmüller and Mori Annuli.*

The Teichmüller and Mori annuli are doubly connected domains satisfying certain extremal properties. We show how these properties are related to the minimum Dirichlet principle and the minimal axis theorem for pairs measured foliations transversely realizable on the four times punctured sphere (Received July 07, 2010)