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Brett Kotschwar* (kotschwar@asu.edu). *A short proof of uniqueness for the Ricci flow.*

We describe an elementary approach to the problem of uniqueness to the Ricci flow via the consideration of an appropriate energy functional. By this method we are able to avoid the auxiliary Ricci-DeTurck and harmonic map flows entirely, and strengthen the standard uniqueness result of Hamilton-Chen-Zhu to include a class of solutions of potentially unbounded curvature. (Received September 05, 2012)