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**Bianca A Thompson\*** (bthompson@smith.edu) and **Xander Faber**. *A very elementary proof of a conjecture of B. and M. Shapiro for cubic rational functions.* Preliminary report.

Using essentially only algebra, we give a proof that a cubic rational function over  $\mathbb{C}$  with only real critical points is equivalent to a real rational function. We also determine all fields  $\mathbb{Q}_p$  over which a reasonable generalization holds. (Received September 03, 2015)