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John H. Hubbard* (jhh8@cornell.edu), Cornell University, Department of Mathematics, 431 Malott Hall, Ithaca, NY 14853. *A new proof of Jakobson's theorem.*

Jakobson's theorem asserts that there is a set of c 's of positive measure such that the real polynomial $x^2 + c$ admits an invariant measure absolutely continuous with respect to Lebesgue measure. The proof I will present is based on puzzles and tableaux, and eventually a probabilistic argument.

The text of this abstract is slightly different from that published in the program of the meeting.

(Revised version received March 14, 2016)