1118-37-263   **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.

Milnor claims that all the previous people who have studied this subject have found the earlier proofs incomprehensible, and have gone on to write their own incomprehensible proof. I hope the one I will present, based on puzzles, will break the rule. (Received February 02, 2016)