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Theodore A. Slaman* (slaman@math.berkeley.edu), Department of Mathematics, The University of California Berkeley, Berkeley, CA 94720-3840, and **Antonio Montalban** and **Noam Greenberg**. *Structural Characteristics of Recursion Theoretic Properties*.

We investigate whether recursion theoretic properties of real numbers are indicated by the isomorphism types of the structures that they compute. (Received September 13, 2010)