

1042-03-115

Denis R. Hirschfeldt* (drh@math.uchicago.edu), Department of Mathematics, University of Chicago, Chicago, IL 60637, and **Asher M. Kach** and **Antonio Montalbán**. *A Finer Look at the Intermediate Degrees.*

We study the notions of being low / intermediate / high for the Finer Δ -hierarchy and the Finer Σ -hierarchy. In doing so, we obtain results about computable and noncomputable Boolean algebras. (Received August 14, 2008)