Johanna N.Y. Franklin* (franklin@math.berkeley.edu), Department of Mathematics, UC, Berkeley, 855 Evans Hall #3840, Berkeley, CA 94704-3840. Hyperimmune-free degrees and Schnorr triviality. Preliminary report.

The sets that are uniformly hyperimmune free are called the recursively traceable sets. We show that these are precisely the hyperimmune-free sets that are Schnorr trivial. Results of Terwijn and Zambella and Kjos-Hanssen, Nies, and Stephan show that these are also precisely the sets which are low for Schnorr (tests), so every Schnorr low is Schnorr trivial. (Received September 05, 2006)