

Vítězslav Švejdar

*Arithmetical classification of the set of all provably recursive functions*

Comment.Math.Univ.Carolinae 40,4 (1999) 631-634.

**Abstract:** The set of all indices of all functions provably recursive in any reasonable theory  $T$  is shown to be recursively isomorphic to  $U \times \overline{U}$ , where  $U$  is  $\Pi_2$ -complete set.

**Keywords:** provable, recursive, complete

**AMS Subject Classification:** 03F30, 03D55