## Vítězslav Švejdar The limit lemma in fragments of arithmetic

Comment. Math. Univ. Carolinae<br/>  $44,3\ (2003)\ 565\text{-}568.$ 

**Abstract:** The recursion theoretic limit lemma, saying that each function with a  $\Sigma_{n+2}$  graph is a limit of certain function with a  $\Delta_{n+1}$  graph, is provable in  $B\Sigma_{n+1}$ .

 $\mathbf{Keywords:}$  limit lemma, fragments of arithmetic, collection scheme

AMS Subject Classification: 03F30, 03D55