

**Computable Analysis**  
SS 2013, Exercise Sheet #9

**EXERCISE 17:**

- a) Install the latest version of iRRAM on your linux computer:  
<http://irram.uni-trier.de/>
- b) Suppose  $f : \subseteq A \rightrightarrows B$  is  $(\alpha, \beta)$ -computable and  $g : \subseteq X \rightrightarrows Y$  arbitrary with representations  $\xi$  and  $\nu$  of  $X$  and  $Y$ , respectively. Moreover suppose that  $\text{dom}(g)$  contains a  $\xi$ -computable point. Prove that  $f$  is computable  $(\alpha, \beta, \xi, \nu)$ -reducible to  $g$ .