



sort site
sort message = site \times site
const U : set of sites
const M : set of messages

fct $r, \bar{r} : \text{site} \rightarrow \text{set of messages}$
var $x, y : \text{site}$
 $r(x) = \{x\} \times M(x)$
 $\bar{r}(x) = M(x) \times \{x\}$

Figure 35.1. Basic algorithm for distributed consensus