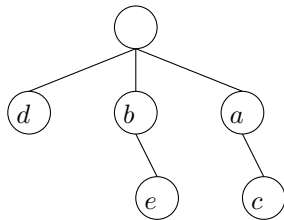


replica state of  $r_3$  :



$Tomb = \{a, b\}$