

 $egin{aligned} exttt{write}(1,r_1), exttt{read}(0), \ exttt{write}(2,r_2), exttt{read}(0), \ \dots, \dots, \ exttt{write}(2^d,r_{2^d}), exttt{read}(0) \end{aligned}$

 $egin{aligned} exttt{write}(0,0), exttt{read}(m{r_1}), \ exttt{write}(0,0), exttt{read}(m{r_2}), \ \dots, \dots, \ exttt{write}(0,0), exttt{read}(m{r_{2^d}}) \end{aligned}$

 $\begin{aligned} & \texttt{write}(0,0), \texttt{read}(0), \\ & \texttt{write}(0,0), \texttt{read}(0), \\ & \dots, \dots, \\ & \texttt{write}(0,0), \texttt{read}(0) \end{aligned}$