$$\begin{array}{c} \omega \\ \vdots \\ r_1^t \Rightarrow r_{[t,\infty)} \\ r_2^t \Rightarrow r_{[t,t)=\emptyset}, r_{[t,\infty)} \\ r_3^t \Rightarrow r_{\emptyset}, r_{[t,t)=\emptyset}, r_{[t,\infty)} \\ \end{array}$$