$$I_{0}: \emptyset \Rightarrow I_{0}: \{\emptyset,\emptyset\} \Rightarrow \tau_{0}: \{r1:0,r2:0\} \qquad \tau_{0}: \{r1:1,r2:0\} \qquad I_{1}: \{r1:1\} \Rightarrow I_{2}: \{r2:1\} \Rightarrow I_{1}: \{r1:1\}, \{r2:0\} \Rightarrow I_{3}: \{r1:1\}, \{r2:1\} \Rightarrow \tau_{1}: \{r1:1,r2:1\} \Rightarrow I_{2}: \{r1:0\}, \{r2:1\} \Rightarrow \tau_{2}: \{r1:0,r2:1\} \Rightarrow \tau_{3}: \{r1:1,1\} \qquad \tau_{4}: \{r1:1,r2:1\} \qquad \tau_{2}: \{r1:0,r2:1\} \qquad (b)$$