

# 1 Grammar Sets

- Global Variables:  $\{x\}$
- Local Variables for Thread t1 :  $\{r1\}$
- Local Variables for Thread t2 :  $\{r2\}$
- Value Set for Thread t1 :  $\{0,1\}$
- Value Set for Thread t2 :  $\{2\}$

# 2 Configuration

thread t1	thread t2
(i1)create 0	(i7)read x
(i2)write x $\rightarrow$ {t2}	(i8)write r2
(i3)read x	(i9)create 2
(i4)write r1	(i10)write x
(i5)create 1	
(i6)write x	

# 3 Properties

thread t1	thread t2
(i1){0}	(i7){0,1} $\leftarrow$ {i2,i6}
(i2){0}	(i8){0,1}
(i3){0,2} $\leftarrow$ {i2,i10}	(i9){2}
(i4){0,2}	(i10){2}
(i5){1}	
(i6){1}	