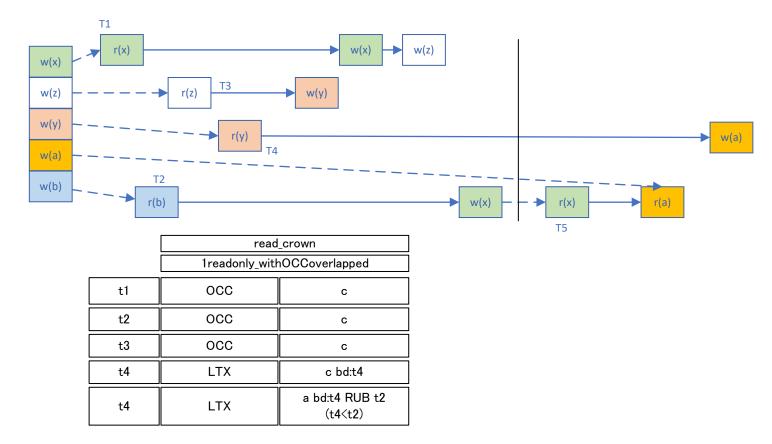


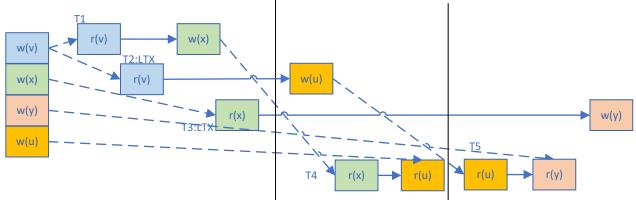
read_crown
1readonly

	ос	c4	occ3	ltx1	occ2		occ1		ltx1c	сс3	occ2	ltx2	occ1		ltx1oc	c2ltx1
t1	occ	С	occ	С	occ	С	осс	a:t2	LTX	c bd1	occ	С	occ	a:t2	LTX	c bd1
t2	occ	С	осс	C	occ	С	LTX	c bd2	occ	С	осс	С	LTX	c bd2	осс	С
t3	occ	a:t1	осс	a:t1	LTX	c bd3	осс	O	occ	a:t1	LTX	c bd3	occ	O	occ	a:t1
t4	occ	С	LTX	c bd4 RUB 2	occ	a:t3	occ	С	occ	С	LTX	a bd3 r:t3 RUB (t3<) t2	LTX	c bd4 RUB 2	LTX	c bd4 RUB 2

		1ltx2 cc1		occ1 occ1	ltx2	осс2	осс	1ltx3	ltx1o	cc1ltx2	ltx2od	cc1ltx1	ltx3	occ1	lt	x4
t1	осс	a:t2	LTX	c bd1	LTX	c bd1	occ	a:t2	LTX	c bd1	LTX	c bd1	LTX	c bd1	LTX	c bd1
t2	LTX	c bd2	occ	С	LTX	c bd2	LTX	c bd2	occ	С	LTX	c bd2	LTX	c bd2	LTX	c bd1 r:t1
t3	LTX	c bd3	LTX	c bd1 r:t1	occ	a:t1	LTX	c bd3	LTX	c bd1 r:t1	occ	a:t1	LTX	c bd1 r:t1	LTX	c bd1 r:t2
t4	occ	a:t3	occ	a:t3	occ	С	LTX	c bd3 r:t3 RUB 2	LTX	a bd1 RUB t2 (t1<)	LTX	c bd4 RUB t2	occ	a:t3	LTX	a bd1 r:t3 RUB t2



t4<t3<t1<t2

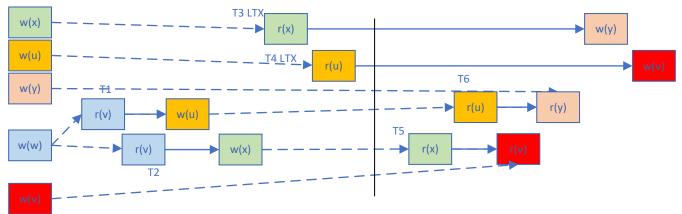


t4がない場合t2<t5<t3<t1 t5がない場合 t3<t1<t4<t2

		read_crown									
		sequent_2readonly									
			ltx5	ltx4_succ_omit							
t1		LTX	c bd:1	LTX	c bd:1						
t2		LTX	c bd:2	LTX	c bd:2						
t3		LTX	c bd:1 r:t1	LTX	c bd:1 r:t1						
t4		LTX	c bd:2 r:t2 RUB 1	LTX	c bd:2 r:t2 RUB 1						
t5	a bd:1 r:t3 RUB 2			omit							

		read_crown								
		sequent_2readonly								
	occ1ltx3_prep_omit		1occ3ltx		ltx	4_prep_omit	4ltx			
t1	осс	С	occ	С	LTX	c bd:1	LTX	c bd:1		
t2	LTX	c bd:2	LTX	c bd:2	LTX	c bd:2	LTX	c bd:2		
t3	LTX	c bd:3	LTX	c bd:3	LTX	c bd:1 r:t1	LTX	c bd:1 r:t1		
t4	omit		LTX	a bd:2 r:t2 RUB (2<)1	omit		LTX	c bd:2 r:t2 RUB 1		
t5	LTX	c bd:3 r:t3 RUB2	LTX	c bd:3 r:t3 RUB2	LTX	a bd:1 r:t3 RUB2	LTX	a bd:1 r:t3 RUB2		

偽陽性



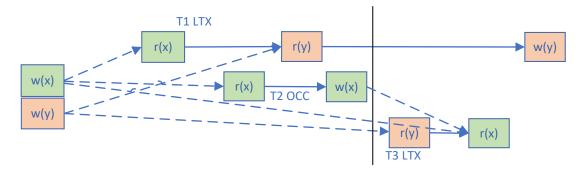
t6 omit t3(ltx)<t2<t5<t4(ltx)<t1 t5 omit t4(ltx)<t1<t6<t3(ltx)<t2

## read\_crown cascading\_2readonly

	ltx6		occ	1ltx4_succ_omit	ltx5_succ_omit		
t1	LTX	c bd1	occ	С	LTX	c bd1	
t2	LTX	c bd2	LTX	c bd2	LTX	c bd2	
t3	LTX	c bd2 r:t2	LTX	c bd2 r:t2	LTX	c bd2 r:t2	
t4	LTX	c bd1 r:t1	LTX	c bd4	LTX	c bd1 r:t1	
t5	LTX	a bd1 r:t4 RUB 2	LTX	c bd4 r:t4 RUB 2	LTX	a bd1 r:t4 RUB 2	
t6	LTX	c bd2 r:t3 RUB 1	omit		omit		

## 偽陽性

	occ1ltx5		ltx1o	cc1ltx3_prep_omit	ltx5_prep_omit		
t1	occ	С	LTX	c bd1	LTX	c bd1	
t2	LTX	c bd2	occ	С	LTX	c bd2	
t3	LTX	c bd2 r:t2	LTX	c bd3	LTX	c bd2 r:t2	
t4	LTX	c bd4	LTX	c bd1 r:t1	LTX	c bd1 r:t1	
t5	LTX	c bd4 r:t4 RUB 2	omit		omit		
t6	LTX	a bd2 r:t3 RUB (t2<)1	LTX	c bd3 r:t3 RUB 1	LTX	c bd2 r:t3 RUB 1	



read_crown						
feket_readonlyanomaly						

		anomaly	safe_read				
t1	LTX	c bd1	LTX	c bd1			
t2	occ	С	occ	С			
t3	LTX	a bd1 r:t1 RUB 2	LTX	c bd1 r:t1 RUB 0 (Safe SS)			