

T_1	T_2	
lock(X)		
unlock(X)		$X = f_1(X_0)$
	lock(Y)	
	unlock(Y)	$Y = f_3(Y_0)$
lock(Y)		
unlock(Y)		$Y = f_2(X_0, f_3(Y_0))$
	lock(X)	
	unlock(X)	$X = f_4(f_1(X_0), Y_0)$