$1 : \mathtt{read} \to \langle 1, 2 \rangle \quad \mathtt{write}(0,2) \quad \mathtt{write}(1,2) \quad \mathtt{write}(1,1) \quad \mathtt{write}(0,1)$

$2 : \mathtt{write}(0,2) \quad \mathtt{read} \to \langle 1, 2 \rangle \quad \mathtt{write}(1,2) \quad \mathtt{write}(1,1) \quad \mathtt{write}(0,1)$

$3 : \mathtt{write}(0,2) \quad \mathtt{write}(1,2) \quad \mathtt{read} \to \langle 1, 2 \rangle \quad \mathtt{write}(1,1) \quad \mathtt{write}(0,1)$

$4 : \mathtt{write}(0,2) \quad \mathtt{write}(1,2) \quad \mathtt{write}(1,1) \quad \mathtt{read} \to \langle 1, 2 \rangle \quad \mathtt{write}(0,1)$

$5 : \mathtt{write}(0,2) \quad \mathtt{write}(1,2) \quad \mathtt{write}(1,1) \quad \mathtt{write}(0,1) \quad \mathtt{read} \to \langle 1, 2 \rangle$