

<

(a)

 T_1 T_2 T_3 $L_1(A), L_1(B).$ $R_1(A), W_1(A)$ $U_1(A)$ $L_3(A), R_3(A),$
 $W_3(A).$ $L_3(B) - \text{DENIED}$ $L_2(A) - \text{DENIED}$ $R_1(B)$ $L_3(B) - \text{DENIED}$ $W_1(B)$ $U_1(B)$ $L_3(B), R_3(B)$ $W_3(B), U_3(A), U_3(B)$ $L_2(A), L_2(B)$ $R_2(A), R_2(B)$ $U_2(A), U_2(B)$

commit

commit

commit.

(b). Strict 2PL guarantees the recoverability, whereas 2PL does not.