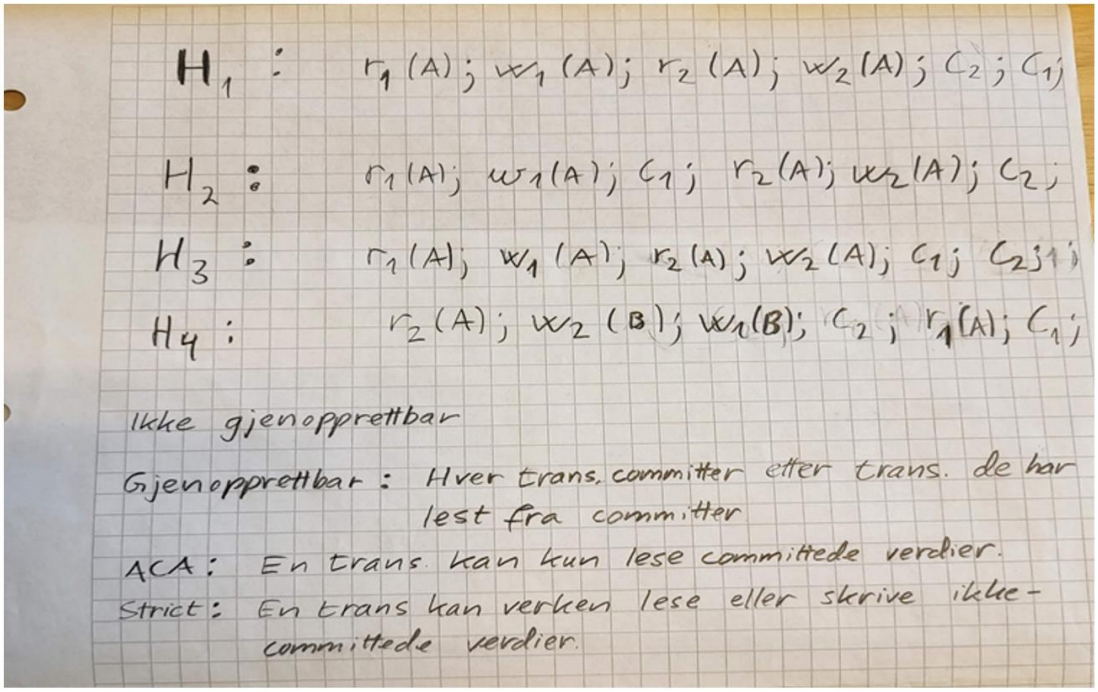
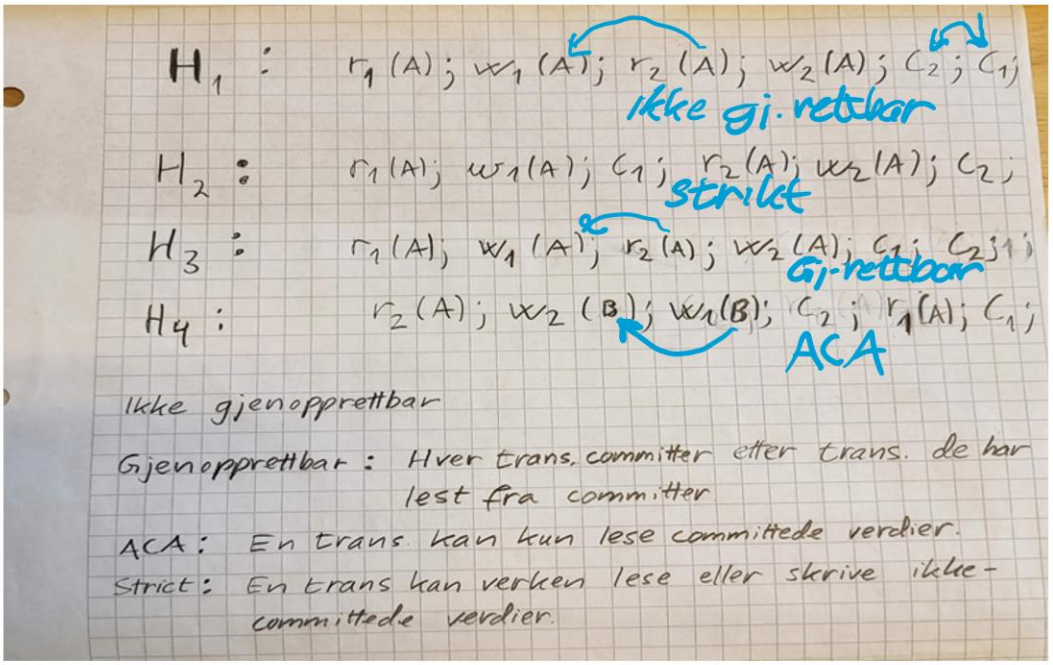
Recoveryklassifisering - oppgave

mandag 17. april 2023 12:40



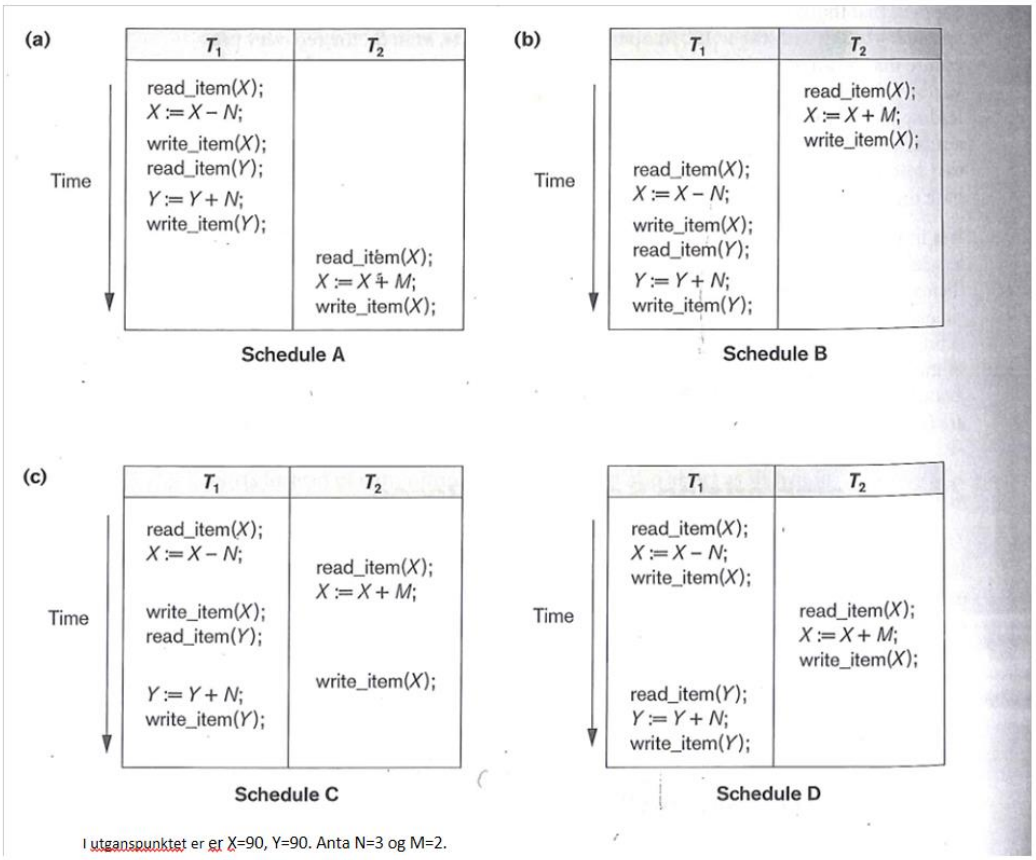
Recoveryklassifisering - oppgave

mandag 17. april 2023 12:40



Serialiserbarhet - eksempel

17.april 2023



I utgangspunktet er er X=90, Y=90. Anta N=3 og M=2.

Sch A:

Sch B:

Sch C:

Sch D:

Presedensgraf, eksempel

17.april 2023

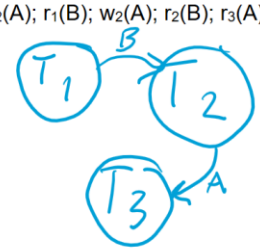
- H_1: $r_2(A)$; $r_1(B)$; $w_2(A)$; $r_3(A)$; $w_1(B)$; $w_3(A)$; $r_2(B)$; $w_2(B)$;
- H_2: $r_2(A)$; $r_1(B)$; $w_2(A)$; $r_2(B)$; $r_3(A)$; $w_1(B)$; $w_3(A)$; $w_2(B)$;

Presedensgraf, eksempel

17.april 2023

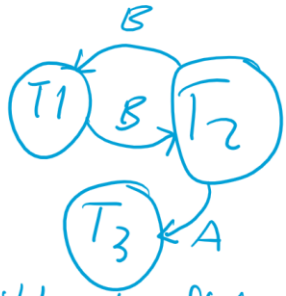
- H_1: $r_2(A)$; $r_1(B)$; $w_2(A)$; $r_3(A)$; $w_1(B)$; $w_3(A)$; $r_2(B)$; $w_2(B)$;
- H_2: $r_2(A)$; $r_1(B)$; $w_2(A)$; $r_2(B)$; $r_3(A)$; $w_1(B)$; $w_3(A)$; $w_2(B)$;

H1:



T1 ; T2 ; T3

H2:



ikke konflikt seriell sekvens

Presedensgraf, oppgave

17.april 2023

a) Gitt de følgende historiene

(1) r1(X); r2(Y); w3(X); r2(X); r1(Y)

(2) r1(X); r1(Y); w1(X); r2(Y); w3(Y); w1(X); r2(Y);

(3) r2(X); w3(X); w1(Y); r2(Y); w2(Z);

(4) r1(X); w2(X); w1(X); r3(X);

Presedensgraf, oppgave

17.april 2023

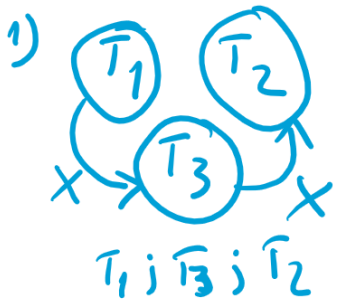
a) Gitt de følgende historiene

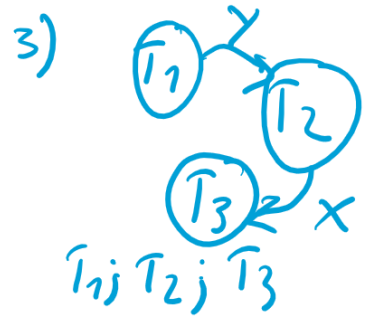
(1) r1(X); r2(Y); w3(X); r2(X); r1(Y)

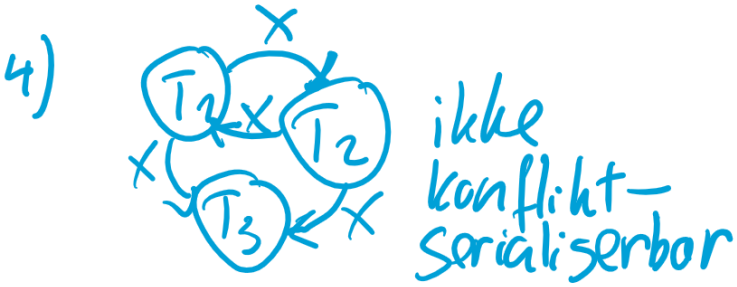
(2) r1(X); r1(Y); w1(X); r2(Y); w3(Y); w1(X); r2(Y);

(3) r2(X); w3(X); w1(Y); r2(Y); w2(Z);

(4) r1(X); w2(X); w1(X); r3(X);







Låssetting - eksempel

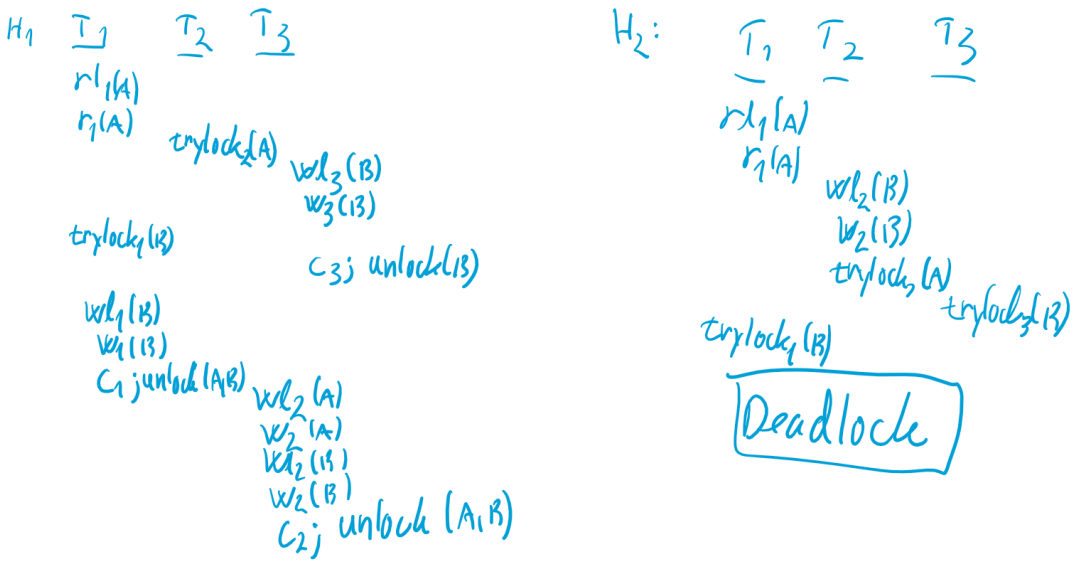
17.april 2023

- H_1: $r_1(A); w_2(A); w_2(B); w_3(B); w_1(B); C_1; C_2; C_3;$
- H_2: $r_1(A); w_2(B); w_2(A); w_3(B); w_1(B); C_1; C_2; C_3;$

Låssetting - eksempel
17.april 2023

Rigorous 2PL

- H_1: $r_1(A); w_2(A); w_2(B); w_3(B); w_1(B); C_1; C_2; C_3;$
- H_2: $r_1(A); w_2(B); w_2(A); w_3(B); w_1(B); C_1; C_2; C_3;$



Låssetting - oppgave

17.april 2023

Anta følgende historie:

H4: r1(A);r2(B);w1(B);w1(C);r2(A);c1;c2;

Innfør lese- og skrivelåser (2PL - rigorous) i H4. Skriv om historien H4 slik at den gjør bruk av låser.

Låssetting - oppgave

17.april 2023

Anta følgende historie:

H4: r1(A);r2(B);w1(B);w1(C);r2(A);c1;c2;

Innfør lese- og skrivelåser (2PL - rigorous) i H4. Skriv om historien H4 slik at den gjør bruk av låser.