h = r1(z)w5(x)r4(z)w1(y)r5(z)w4(x)c4w3(z)w1(x)c1w2(y)c5c2r3(y)c3
X: w5 w4 w1 t5 → t4, t5 → t1, t4 → t1
Y: w1 w2 r3 t1 → t2, t1 → t3, t2 → t3
Z: r1 r4 r5 w3 t1 → t3, t4 → t3, t5 → t3

1)
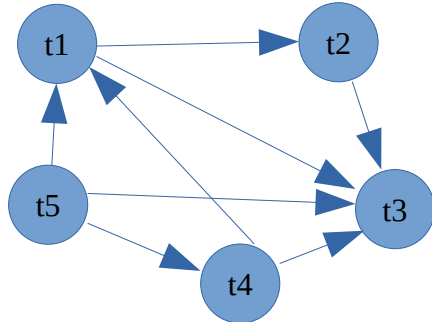
2) is in CSR (see topological sort bellow)
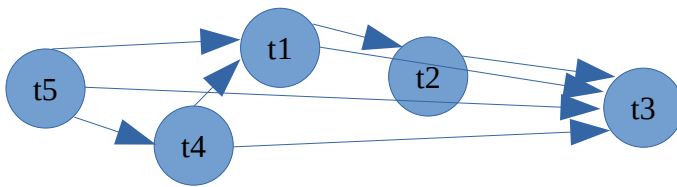
3) CMCSR = CSR see page 107 from book

4) equivalent is: t5 t4 t1 t2 t3

5) is in OCSR. t4 completely before t3, t1 completely before t2 in both h and h'

6) not in COCSR. C4 before C5 in h but C5 must be before C4 in h'

7)
H[s](z)=Hs[w3(z)]=f3z()
H[s](x)=Hs[w1(x)]=f1x(f0z())
H[s](y)=Hs[w2(y)]=f2y()

8) RF(s)={(t0, z, t1), (t0, z, t4), (t0, z, 5), (t2, y, t3), (t1, x, t∞), (t2, y, t∞), (t3, z, t∞)}