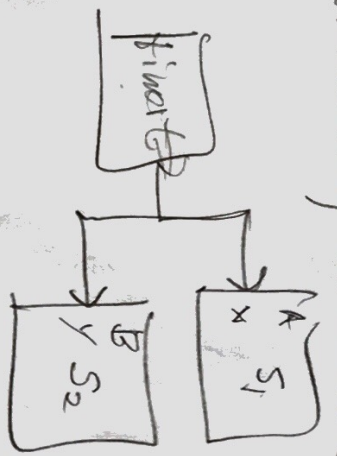


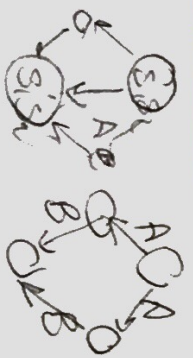
Interleaving concurrency



A
x {
printf("A")
S1 = f(S1)
printf("A done")

B
y {
printf("B")
S2 = f(S2)
printf("B done")

A printf("A")
B printf("B")



↑ tell you side about the effects

A done
B done
or
B done
A done

There is no parallelism in the semantics of this interleaving on a physical object

parallel side effects are banned
• so no two reactions that can affect the same physical object. ~~unless there is a causal dependency~~

too strong

through side effects
one effect is OK? No

~~~~~