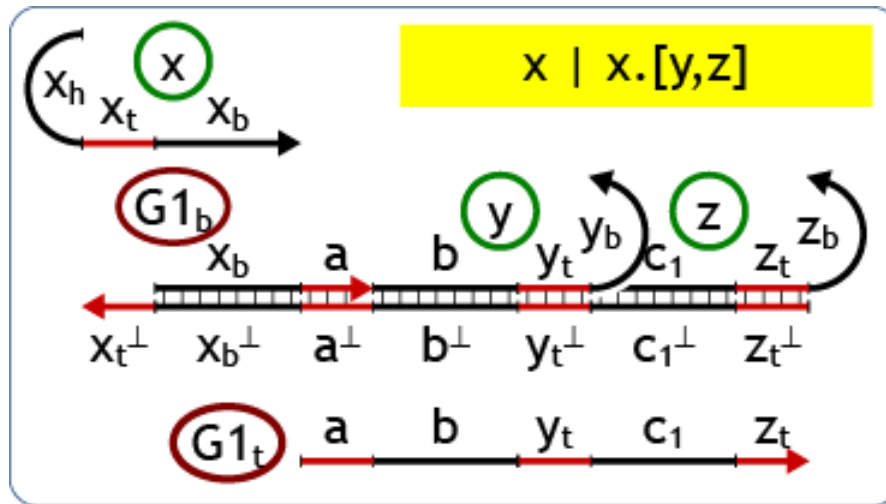
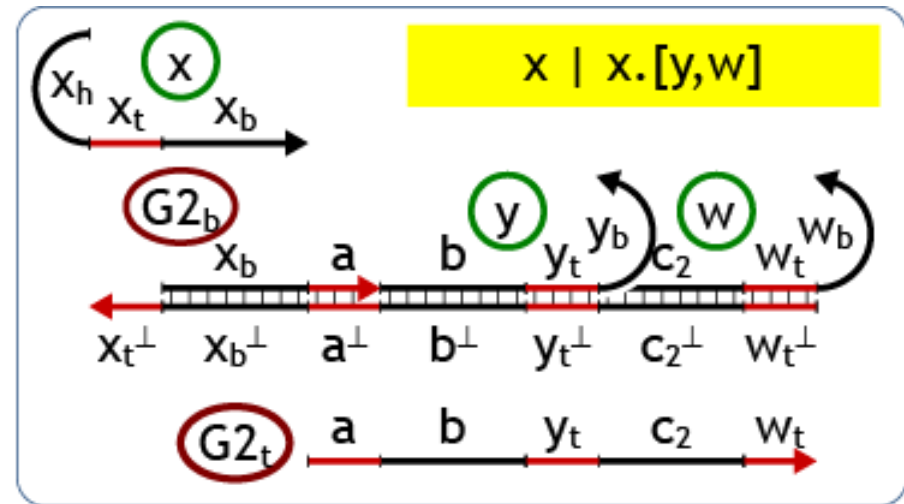


Exercise 3: $x.[y,z] \mid x.[y,w]$ Interference



~~a, b, c₁~~ fresh; x_h generic



~~a, b, c₂~~ fresh; x_h generic

- Suppose we ‘forgot’ to take a, b fresh, so they are shared by the two gates. Something goes horribly wrong from these initial conditions:

$$x \mid x.[y,z] \mid x \mid x.[y,w]$$

where $x.[y,z] = G1_b, G1_t$ and $x.[y,w] = G2_b, G2_t$

- What goes wrong?