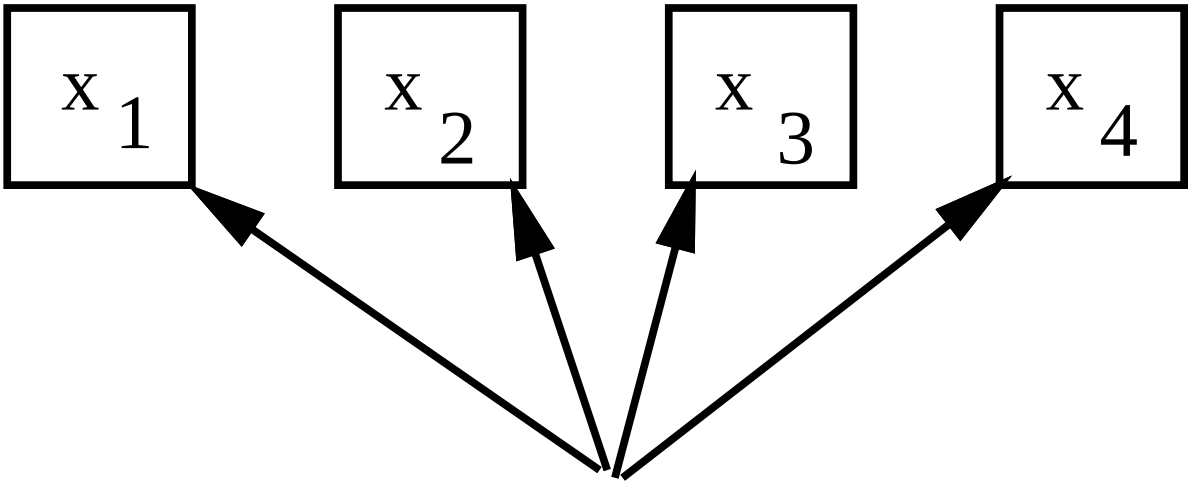
Atomic write to more than one resource.



P writes to all x_i.