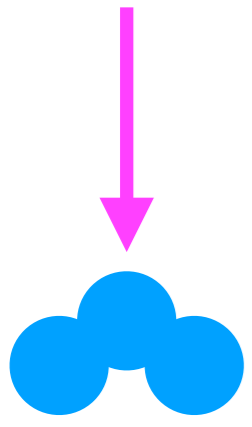
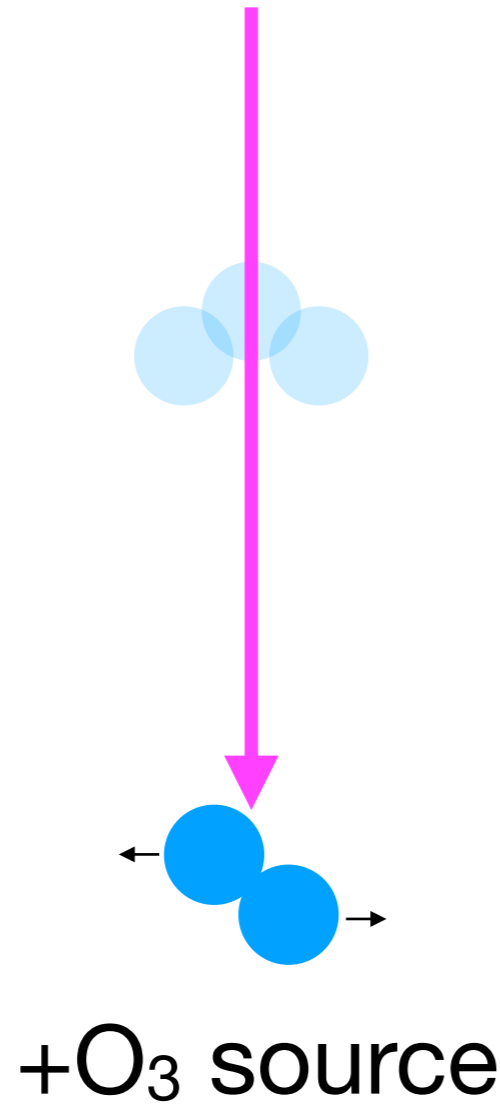


Photochemical stabilization: Perturbation modifies O₃ source

Before

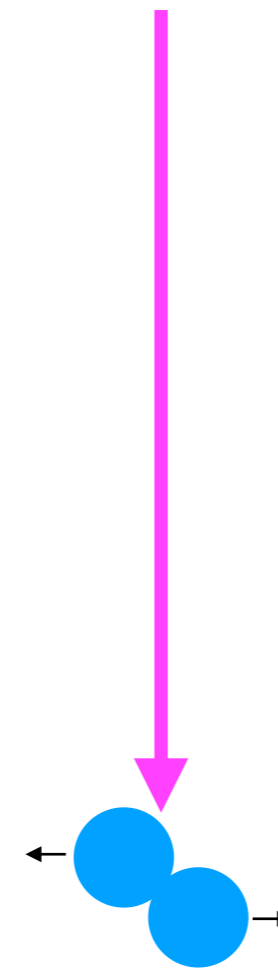


Perturbation: -O₃

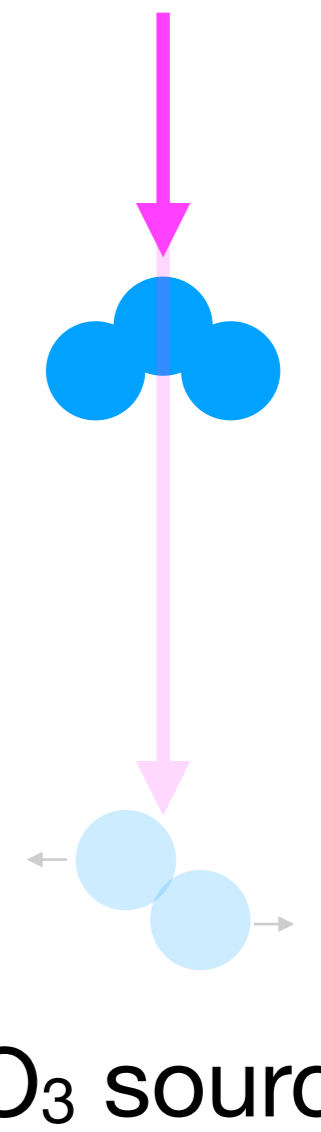


Response: +O₃
Self-healing

Before



Perturbation: +O₃



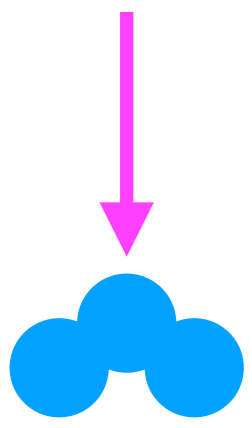
Response: -O₃
Reverse self-healing

(a)

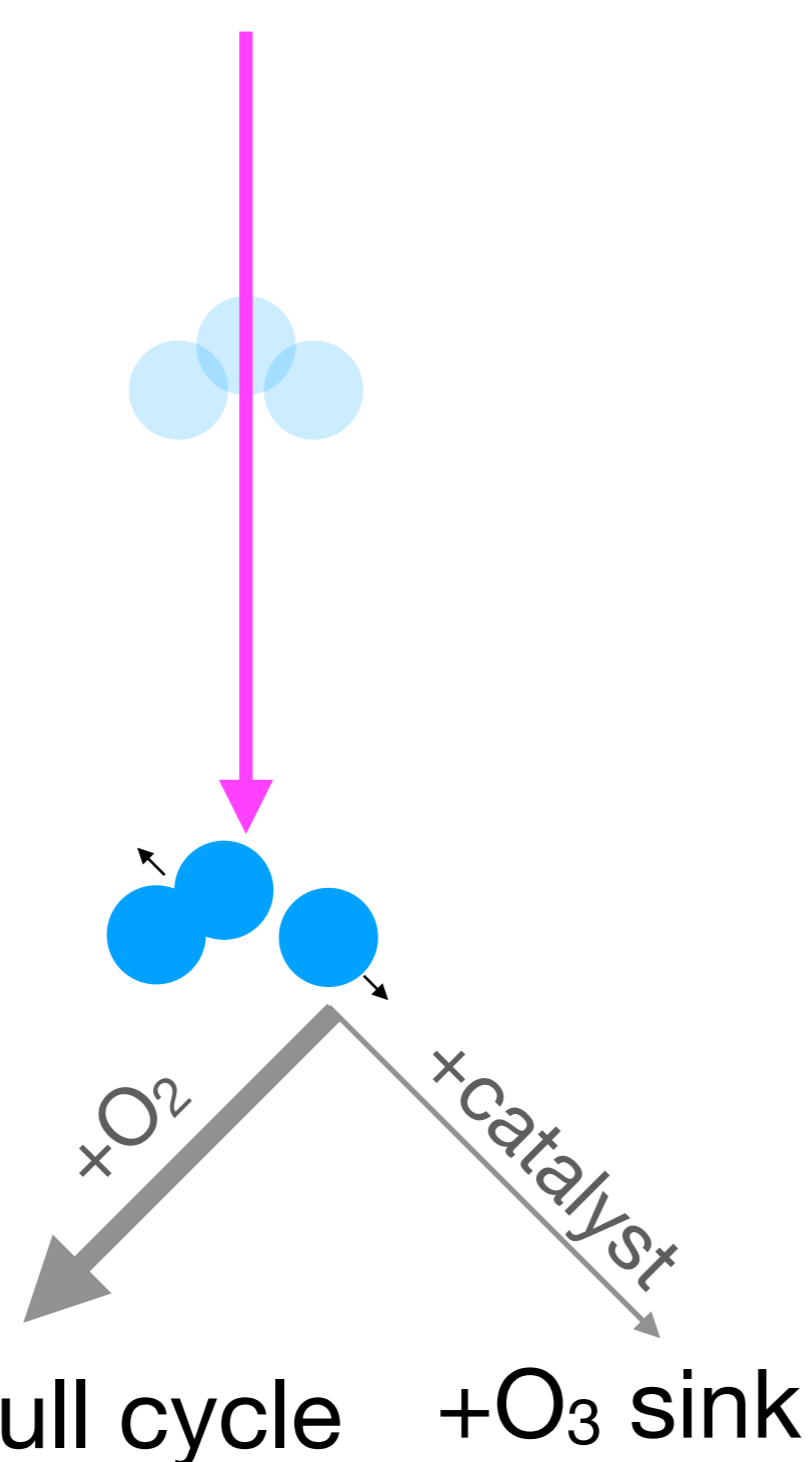
(b)

Photochemical destabilization: Perturbation modifies O₃ sink

Before

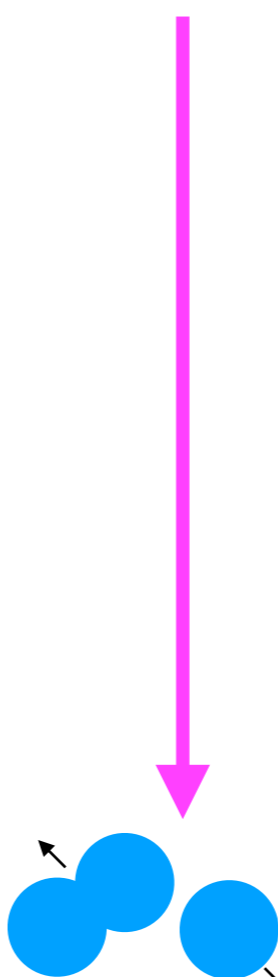


Perturbation: -O₃

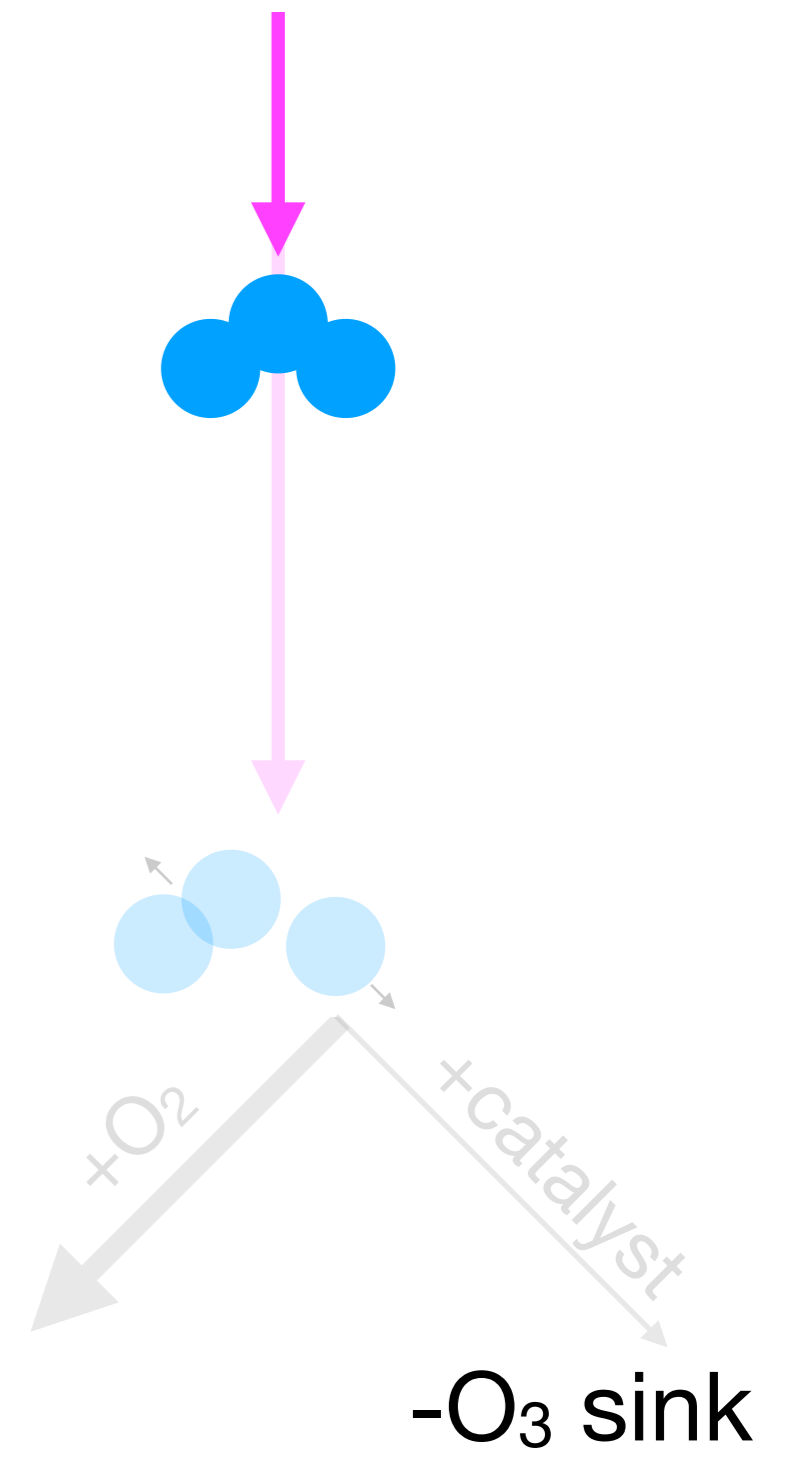


Response: -O₃
Self-amplified destruction

Before



Perturbation: +O₃



Response: +O₃
Self-amplified production

(c)

(d)