

L122 Le Châtelier's Principle

TODAY'S
DATE

E.Q.: What happens to a system @ equilibrium when conditions change?

types of changes that can stress the equilibrium of a mixture

- Δ in the concentration - this applies when more reactants or products are added
- Δ in external pressure - this applies gases when the container volume is \uparrow or \downarrow
- Δ in temp

Le Châtelier's principle - an experimental observation that, when a stress is put on a system at equilibrium, the system responds by reducing the effect of the change

- allows you to predict qualitatively how the system responds to changes