22.10 Relating Grxn and Kp (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

There is a relationship between G° and K_p as shown by the equation G°rxn = - RT LnKp

R = 8.314 J/mol K

T = Temperature in K

K_p = Equilibrium constant in atm.

Remember that the units on $G°_{rxn}$ must be J/mol for this calculation due to the presence of the constant R.

This video contains an example problem which uses this equation.

Link to Video

Relating Grxn and Kp: https://www.youtube.com/watch?v=T-OYNTYN__4

Attribution

- Prof. Steven Farmer (Sonoma State University)