

Chemistry diagrams

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3      :O :
4      .. |   ..
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6      .. ..
7
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Chemistry equations:

- Arrhenius equation
- Butler-Volmer equation
- Eyring equation
- Henderson-Hasselbalch equation
- Michaelis-Menten equation
- Nernst equation
- Schrödinger equation
- Urey-Bigeleisen-Mayer equation

1 Arrhenius equation

https://en.wikipedia.org/wiki/Arrhenius_equation

$$k = Ae^{\frac{-E_a}{RT}}, \quad (1)$$

2 Butler-Volmer equation

https://en.wikipedia.org/wiki/Butler-Volmer_equation

$$j = j_0 \cdot \left\{ \exp \left[\frac{\alpha_a z F}{RT} (E - E_{eq}) \right] - \exp \left[-\frac{\alpha_c z F}{RT} (E - E_{eq}) \right] \right\} \quad (2)$$

- Eyring equation
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