$$R(T) = \frac{1}{\sqrt{T/s}} \left(\frac{T^* - T}{\rho k} \right) \left[\frac{T^* - T}{\sigma} \right]$$

$$= \frac{1}{2} R[T] = \frac{1}{2} \frac{T^{5} \left[\frac{S+1}{5} \right] - T}{\sigma} \left[\frac{S+1}{5} - \frac{T}{5} \right]$$

(2) Qlo exponential:

$$\Rightarrow R(T) = \propto e^{sT} \left[\left(T_{Pk} + \frac{1}{s} \right) - T \right] \left[2 - \left(\left(T_{Pk} + \frac{1}{s} \right) - T \right) \right]$$

(3) Boltzmann-Arrhenius expression!