$$\Delta x^* \gg \Delta x^*$$

$$\ln\left(\frac{1-x}{x}\right) + \ln(19)$$

$$4N_{\mathrm{e}}\beta\gamma e^{\beta(\alpha+n\gamma x)}$$

$$\ln\left(\frac{1-x^*}{x^*}\right) + \ln(19) = 4N_{\mathrm{e}}\beta\gamma e^{\beta(\alpha+\mathrm{Z}\gamma x^*)}$$

$$x \to x'$$

$$s = \frac{W(x') - W(x)}{W(x)}$$

$$\mathbb{P}_{\mathrm{fix}} = \frac{2s}{1 - e^{-4N_{\mathrm{e}}s}}$$

$$x^* = \mathbb{E}\left[x\right]$$

$$\omega = \mathbb{E}\left[2N_{\mathrm{e}}\mathbb{P}_{\mathrm{fix}}\right]$$

$$\chi = \frac{\mathrm{d}\omega}{\mathrm{d}\ln(N_{\mathrm{e}})}$$

$$\vec{\boldsymbol{P}} = \sum_{1\leq\mathrm{z}\leq\mathrm{Z}} \vec{\boldsymbol{P}}_{\mathrm{z}}(\mathbb{S})$$

$$W\left(\vec{\boldsymbol{P}}\right) = \mathrm{e}^{-\alpha|\vec{\boldsymbol{P}}|^{\beta}}$$

$$\Delta G = G_{\mathrm{F}}\left(\mathbb{S}\right) - G_{\mathrm{U}}\left(\mathbb{S}\right)$$

$$W\left(\Delta G\right) = \frac{1}{1 + e^{\beta\Delta G}}$$