$\frac{\pi(x_T, \lambda_T)}{P(\tilde{\Lambda} | \tilde{x}_T, \lambda_T)} \frac{\tilde{\alpha}(\tilde{X})}{e^{-\Delta S(X)}}$

 $I(X|\Lambda) = \min \left\{ 1, \frac{n(\omega_1, \dots, \omega_n)}{\pi(x_0, \lambda_0)} \frac{1}{P(\Lambda|x_0, \lambda_0)} \frac{1}{\alpha(X)} \right\}$