Code Tricks for RecSA

February 21, 2017

1. We introduce $mini\_factor$ to every partition-related calculuation for avoiding dividing zero.

2. For numeric stabilization, we smooth the ω_u and ω_t in Gibbs distribution with $bias$ as

$$\mathcal{P}(r|u,t) \propto e^{\hat{p}(\omega_u+bias)(\omega_t+bias)}$$