$$J(X;T,U) = \prod_{n=1}^{\infty} \sum_{l=1}^{\infty} \prod_{l=1}^{\infty} \bigcup_{l=1}^{\infty} (X_{1}, u_{l})$$

$$J(u; \beta_{0}, V_{0}) = \frac{1}{C(\beta_{0}, V_{0})} \left[\frac{\sum_{l=1}^{\infty} U_{0}}{\prod_{l=1}^{\infty} (U_{0})} \right]^{V_{0}} - \beta_{0}^{T}(u - 1_{e-1})$$

$$J(u|X, \beta_{0}, V_{0}) = \frac{1}{C(\beta_{0}, V_{0})} \left[\frac{\sum_{l=1}^{\infty} U_{0}}{\prod_{l=1}^{\infty} (U_{0})} \right]^{V_{0}} - \beta_{0}^{T}(u - 1_{e-1})$$

$$J(x, u) = \frac{1}{C(\beta_{0}, V_{0})} \int_{l=1}^{\infty} (x_{1}, u_{1}) \int_{l=1}^{\infty} (x_{1}, u_{1}) \int_{l=1}^{\infty} (u_{1}) \int_{l=1}^$$

 $ETh_{J}(X_{1}Z_{1}) = E\left\{\sum_{n=1}^{\infty} \sum_{i=2}^{\infty} z_{ni} \left[\ln \pi_{i} + \ln \left(\sum_{k=1}^{\infty} U_{ki}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right) + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)\right] + \sum_{k=2}^{k+2} \left(U_{kk}-1\right) \ln \left(X_{kn}\right)$ $ln\frac{f(\sum_{i=1}^{n}C_{i0})}{\sum_{i=1}^{n}f(C_{i0})} + \sum_{i=1}^{n}f(C_{i0}-1)hn(\mathbf{X}_{i}) +$ 2 2 [h Laio + (Mai-1) ln (Uni) - Lai Vai] { Usi

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$$\frac{\int_{0}^{\infty} \Gamma(u_{k})}{\int_{0}^{\infty} \Gamma(u_{k})} = \int_{0}^{\infty} \Gamma(\Gamma(u_{k})) - \int_{0}^{\infty} \ln(\Gamma(u_{k})) \int_{0}^{\infty} = \int_{0}^{\infty} 1 + \int_{0}^{\infty} (u_{k}) \int_{0}^{\infty} \ln(u_{k}) = \int_{0}^{\infty} \ln(u_{k}) \int_{0}^{\infty} \ln(u_{k}) + \int_{0}^{\infty} u_{k} \int_{0}^{\infty} \ln(u_{k}) \int_{0}^{\infty$$

 $mp = \frac{1}{2} \left\{ \frac{1}{2} \log_{1} n^{2} + \frac{1}$

 $\frac{\sum_{k=2}^{k+2} u_{kc}}{\sum_{k=2}^{k+2} u_{kc}} = \sum_{k=2}^{k+2} \frac{u_{kc}}{\sum_{k=2}^{k+2} u_{kc}} + \sum_{k=2}^{k+2} \frac{u_{kc}}{\sum_{k$ $E_{x}[\Psi(x+y)] \subseteq \Psi(\overline{x}+y) \quad E_{x}[h(x)] \subseteq h_{\overline{x}}$ The T(\(\frac{\fir}{\frac{\fra $\frac{1}{2} \ln \frac{\Gamma(\frac{1}{2} u_{ki})}{\frac{1}{2} \Gamma(u_{ki})} + \frac{1}{2} \frac{1}{2} \Gamma(\frac{1}{2} u_{ki}) - \frac{1}{2} \Gamma(\frac{1}{2} u_{ki}$ Inj (Use; Mee, Lee) & Eth J(X, 7)] ETZm [\(\frac{\text{Etz}}{\text{len}} \) - \(\frac{\text{Uib}}{\text{lik}} \) = \(\text{Uib} \) \(\frac{\text{Etz}}{\text{lik}} \) \(\text{Etzm} \) \(\text{Len} \) + IZ [Mai-1) E[ln(Uai)] - Lei E[Uie]