

f =

$$\begin{aligned}
& \exp(d_{cu}) / (\exp(c_{cu}) - B \cdot \exp(c_{bal}))^{ETAc} - \exp(la_{cu}) - (B \cdot BETTA \cdot \exp(d_{cup})) / (\exp(c_{cup}) - B \cdot \exp(c_{cu}))^{ETAc} \\
& \exp(la_{cu}) \cdot \exp(w_{cu}) - (THETA \cdot \exp(d_{cu})) / (1 - \exp(n_{cu}))^{ETAl} \\
& BETTA \cdot \exp(la_{cup}) \cdot (\exp(rk_{cup}) - DELTA + 1) - \exp(la_{cu}) \\
& (\exp(-rk_{cu}) \cdot \exp(a_{cu}) \cdot \exp(n_{cu})^{ALFA} \cdot (ALFA - 1)) / \exp(k_{cu})^{ALFA} + 1 \\
& \exp(w_{cu}) - ALFA \cdot \exp(a_{cu}) \cdot \exp(k_{cu})^{(1 - ALFA)} \cdot \exp(n_{cu})^{(ALFA - 1)} \\
& \exp(y_{cu}) - \exp(iv_{cu}) - \exp(c_{cu}) \\
& \exp(a_{cu}) \cdot \exp(k_{cu})^{(1 - ALFA)} \cdot \exp(n_{cu})^{ALFA} - \exp(y_{cu}) \\
& \exp(iv_{cu}) - \exp(k_{cup}) - \exp(k_{cu}) \cdot (DELTA - 1) \\
& \exp(c_{cu}) - \exp(c_{balp}) \\
& RHOA \cdot \log(\exp(a_{cu})) - \log(\exp(a_{cup})) \\
& RHOD \cdot \log(\exp(d_{cu})) - \log(\exp(d_{cup}))
\end{aligned}$$