

(" 
$$\mu_{p} - \mu_{p} = U_{p} + \beta_{p} \dots (U_{p} + \beta_{p})$$
)

 $d_{\theta\theta\theta}ddt = U_{p} - U_{p} + (\mu_{p} - \mu_{p}) R_{0}T_{0}$ 
 $= U_{p} - U_{p} + (\Delta N) R_{0}T_{0}$ 
 $= U_{p} - U_{p} + (\Delta N) R_{0}T_{0}$ 
 $\Delta N = U_{p} + (\Delta N) R_{0}T_{0}$ 
 $\Delta N = \Delta N = 0 + (1 + 1) R_{0} + (1 + 1) R_{0}$ 
 $\Delta N = 0 - (1 + 1) R_{0} = -3/2$ 
 $= -3/16 + 3/2 R_{0}$ 
 $= -3/2 R_{0}$ 
 $= -3/2$