

$$\dot{n}_1 = -n_1 W + \frac{n_3}{\tau} + n_3 6F$$

$$\dot{n}_1 = 0 \quad 0 = -n_1 W + \frac{n_3}{\tau} + n_3 6F$$

$$n_1 = \frac{1}{W} \frac{1}{\tau} n_3 (1 + 6\tau F)$$

$$n_1 + n_3 = N$$

$$n_3 + \frac{n_3}{W\tau} (1 + 6\tau F) = N \Rightarrow n_3 = N \cdot \frac{W\tau}{W\tau + 6F\tau + 1}$$