$$\omega_{j} \xrightarrow{T_{d}} \sum_{j} a_{ij}(\omega_{i} - \omega_{j}) + g_{i}(\omega_{i} - \omega_{ref}) \xrightarrow{\omega_{i}} DG i$$

$$j \in N_{i} \xrightarrow{\uparrow} \underbrace{\frac{C_{f}}{s}} \underbrace{\omega_{i}^{*}}_{m_{P_{i}}P_{j}} DG i$$

$$m_{P_{j}}P_{j} \xrightarrow{T_{d}} \underbrace{\sum_{j} a_{ij}(m_{P_{i}}P_{i} - m_{P_{j}}P_{j})}_{m_{P_{i}}P_{i}} \xrightarrow{m_{P_{i}}P_{i}}$$