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

$$j \in N_{i} \xrightarrow{\mathbf{C}_{f}} \underbrace{C_{f}}_{S} \underbrace{\omega_{i}^{*}}_{n_{Q_{i}}Q_{j}} \mathbf{DG} \mathbf{i}$$

$$n_{Q_{j}}Q_{j} \xrightarrow{T_{d}} \underbrace{\sum_{j} a_{ij}(n_{Q_{i}}Q_{i} - n_{Q_{j}}Q_{j})}_{n_{Q_{i}}Q_{i}} \underbrace{\mathbf{DG} \mathbf{i}}_{n_{Q_{i}}Q_{i}}$$