$$\frac{df_Q}{dt} = \mathcal{C}^{2\leftrightarrow 2}_{>}[f_Q] + \partial_p \left(A_Q p + \partial_p B_Q\right)_{<} f_Q + \underbrace{\mathcal{C}^{2\to 3}_{>}[f] - R^{1\to 2}(x, k_\perp; \hat{q}_{<}) f_Q}_{\text{Accept these processes with } p}$$

$$\frac{df_g}{dt} = \mathcal{C}^{2\leftrightarrow 2}_{>}[f_g] + \partial_p \left(A_g p + \partial_p B_g\right)_{<} f_g$$