$$C_{2,i+1} = C_{2,i} + rac{C_{1,i} - C_{2,i}}{ au} rac{eta}{\left(1 - lpha_1
ight)lpha_2\left(lpha_3
ight)} \; \Delta$$

$$C_{1} \beta \nu = C_{2} \beta \nu + (1 - \alpha_{1}) \alpha_{2} (\alpha_{3}) V \frac{dC_{2}}{dt} \Longrightarrow$$

$$\Longrightarrow C_{1} \beta = C_{2} \beta + (1 - \alpha_{1}) \alpha_{2} (\alpha_{3}) \tau \frac{dC_{2}}{dt} \Longrightarrow$$

$$dC_{2} C_{1} - C_{2} \beta$$

$$\Rightarrow C_1 \beta = C_2 \beta + (1 - \alpha_1) \alpha_2 (\alpha_3) \tau \frac{dC_2}{dt} \Rightarrow$$

$$\Rightarrow \frac{dC_2}{dt} = \frac{C_1 - C_2}{\tau} \frac{\beta}{(1 - \alpha_1) \alpha_2 (\alpha_3)} \Rightarrow$$

$$AC_2 = C_2 \beta + (1 - \alpha_1) \alpha_2 (\alpha_3) \Rightarrow \beta$$

$$\Rightarrow \frac{dC_2}{dt} = \frac{C_1 - C_2}{\tau} \frac{\beta}{(1 - \alpha_1) \alpha_2 (\alpha_3)} \Rightarrow$$

$$\Rightarrow \frac{\Delta C_2}{\Delta t} = \frac{C_{2,i+1} - C_{2,i}}{\Delta t} = \frac{C_{1,i} - C_{2,i}}{\tau} \frac{\beta}{(1 - \alpha_1) \alpha_2 (\alpha_3)} \Rightarrow$$

$$\Rightarrow \frac{\Delta C_2}{\Delta t} = \frac{C_{2,i+1} - C_{2,i}}{\Delta t} = \frac{C_{1,i} - C_{2,i}}{\tau} \frac{\beta}{(1 - \alpha_1) \alpha_2 (\alpha_3)} \Rightarrow$$

$$\Rightarrow C_{2,i+1} = C_{2,i} + \frac{C_{1,i} - C_{2,i}}{\tau} \frac{\beta}{(1 - \alpha_1) \alpha_2 (\alpha_3)} \Delta t$$