

$$\begin{aligned}
\Gamma_{\text{out}}(t) = & \left[K_r + \sum_i K_i \right] \Gamma(t) + \sum_{i \neq j} \sqrt{K_i K_j} \Gamma(t - \Delta\tau_{j,i}) \\
& + \sum_i \sqrt{K_i K_r} \Gamma(t - \Delta\tau_{r,i}) + \sum_i \sqrt{K_i K_r} \Gamma(t + \Delta\tau_{r,i})
\end{aligned}
\tag{2}$$