

$$\begin{aligned}\text{SNR}_{sr} &= \frac{\mu P}{(d_{sr})^\alpha}, \\ \text{SNR}_{rd} &= \frac{(1 - \mu) P}{(d_{rd})^\alpha}, \\ \text{SNR}_{sd} &= \frac{\mu P}{(d_{sd})^\alpha},\end{aligned}$$