

$$\begin{aligned}
 \Gamma = & \left\| FT[G_{\text{out}} + iG_{\text{out}}^{\pi/2}] - FT[G_{\text{out}}^{\pi/2} + iG_{\text{out}}] \right\| \\
 & + \left\| FT[G_{\text{out}} + iG_{\text{out}}^{\pi/2}] \right\| - \left\| FT[G_{\text{out}}^{\pi/2} + iG_{\text{out}}] \right\| \quad (3)
 \end{aligned}$$