

$$\begin{aligned}
i_S(t) &= i_{S1}(t) + i_{S2}(t)e^{j2/3\pi} + i_{S3}(t)e^{j4/3\pi} \\
i_R(t) &= i_{R1}(t) + i_{R2}(t)e^{j2/3\pi} + i_{R3}(t)e^{j4/3\pi} \\
u_S(t) &= u_{S1}(t) + u_{S2}(t)e^{j2/3\pi} + u_{S3}(t)e^{j4/3\pi}
\end{aligned} \tag{1}$$