$$\begin{array}{c|c} \operatorname{Im}(\phi) \\ \hline \begin{array}{c|c} \mathcal{C}_1 \\ \hline \\ \frac{1}{2} & f_{j=1} \end{array} & \begin{array}{c|c} \mathcal{C}_2 \\ \hline \\ \frac{3}{2} & f_{j=-1} \end{array} & \begin{array}{c|c} \mathcal{C}_{\phi^*} \\ \hline \\ Re(\phi) \end{array} \\ \hline \end{array}$$