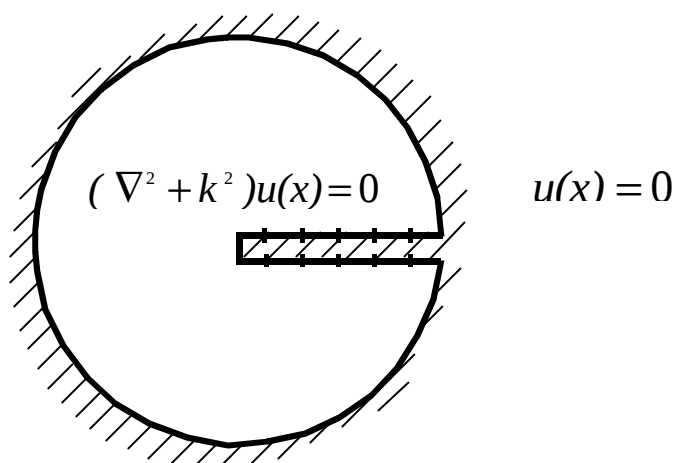




Using the complex-valued BEM, we have

$$\begin{bmatrix} U \end{bmatrix} \longrightarrow s_i(k) \begin{array}{c} \uparrow \\ s_1, s_2, s_3, s_4, s_5 \\ \longrightarrow k \end{array}$$

$$\begin{bmatrix} T \end{bmatrix} \longrightarrow s_i(k) \begin{array}{c} \uparrow \\ s_1, s_2, s_3, s_4, s_5 \\ \longrightarrow k \end{array}$$

$$\begin{bmatrix} U^H \\ T^H \end{bmatrix} \longrightarrow s_i(k) \begin{array}{c} \uparrow \\ s_1, s_2, s_3, s_4, s_5 \\ \longrightarrow k \end{array} \text{ (濾假)}$$

$$\begin{bmatrix} U \\ L \end{bmatrix} \longrightarrow s_i(k) \begin{array}{c} \uparrow \\ s_1, s_2, s_3, s_4, s_5 \\ \longrightarrow k \end{array} \text{ (求真)}$$