

邊界元素法1999 第十次作業

1. In the course, we have derived the boundary integral equations by moving the point from the interior domain to boundary (0^+ and 1^-) using four tables. Also, we obtained

$$[U]\{t\} = [T]\{u\}$$

$$[L]\{t\} = [M]\{u\}$$

2. Please reconstruct the four tables the process by moving the point from the exterior domain to boundary (0^- and 1^+).
3. Please reconstruct the linear algebraic equations

$$[U]\{t\} = [T]\{u\}$$

$$[L]\{t\} = [M]\{u\}$$

by moving the point from the exterior domain to boundary (0^- and 1^+).

4. Please discuss the solution.
5. Which method will you suggest ? Why ?