## 邊界元素法1999 第五次作業



2．By discretizing the circular boundary into $N$ elements，determine the boundary normal flux．

3．Discuss the determinant of $[U]$ matrix．

4．By changing the radius from $\rho=1$ to $\rho \neq 1$ ，what happens ？

5．By changing the fundamental solution $U(s, x)=\ln (r / a)$ ，what happens ？

6．Contour plot for the potential．

## References

［1］W．J．He，H．J．Ding and H．C．Hu，Degenerate scales and boundary element analysis of two－dimesional potential and elasticity problems，Computers and Structures，Vol．60，No．1， pp．155－158， 1996.

