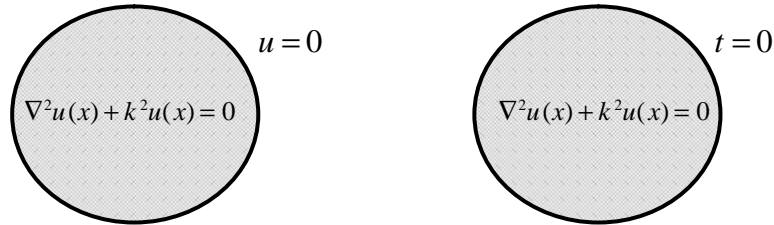


程式 65 CHEEF technique for imaginary-part BEM



Boundary integral equation

$$U^I \underset{\sim}{t} = T^I \underset{\sim}{u} \quad (\text{I: Imaginary})$$

Null-field integral equation

$$w^T \underset{\sim}{t} = v^T \underset{\sim}{u} \quad (\text{T: Transpose})$$

References

1. I. L. Chen, J. T. Chen, S. R. Kuo and M. T. Liang, A new method for true and spurious eigensolutions of arbitrary cavities using the combined Helmholtz exterior integral equation formulation method, Journal of Acoustical Society of America, Vol.109, No.3, pp.982-998, 2001.
2. J. T. Chen, S. R. Kuo and K. H. Chen, A nonsingular integral formulation for the Helmholtz eigenproblems of a circular domain, Journal of the Chinese Institute of Engineers, Vol.22, No.6, pp.729-739, 1999.