班級：  學號：  姓名：

國立台灣海洋大學河海工程研究所BEM 2014 第4次作業

**Question:**

試推導4-D Bump contribution of Dual BEM 並預測*L and M* kernel 之負責比例。

結論:

2-D *L*:*M =* 1:1

3-D *L*:*M =* 1:2

4-D *L*:*M =* ?

References:

1. Jeng-Tzong Chen, Shyh-Rong Kuo, Wei-Chih Chen and Li-Wei Liu, ON THE FREE TERMS OF THE DUAL BEM FOR THE TWO AND THREE-DIMENSIONAL LAPLACE PROBLEMS, Journal of Marine Science and Technology, Vol. 8, No. 1, pp. 8-15 (2000)
2. Jeng-Tzong Chen, Wei-Chih Chen, Kue-Hong Chen and I-Lin Chen, Revisit of the free terms of the dual boundary integral equations for elasticity, Kuwait J. Sci. Eng. Vol. 30, No. 2, pp. 1-22 (2003)