

國立台灣海洋大學河海工程研究所積分方程式特論第三次作業

1. In the course, we discussed the JSV papers by Prof. Kang[1,2,3]. Please read the following papers[1,2,3,4].

- [1] S. W. Kang, J. M. Lee and Y. J. Kang, Vibration analysis of arbitrarily shaped membranes using non-dimensional dynamic influence function, J. Sound and Vibration, Vol. 221, No. 1, 117-132(1999).
- [2] J. T. Chen, S. R. Kuo, K. H. Chen and Y. C. Cheng, Comments on ‘‘ Vibration analysis of arbitrarily shaped membranes using non-dimensional dynamic influence function’ ’, J. Sound and Vibration, Accepted(2000).
- [3] S. W. Kang and J. M. Lee, Author’s reply, J. Sound and Vibration, Accepted(2000).
- [4] S. W. Kang and J. M. Lee, Eigenmode Analysis of Arbitrarily Shaped Two-Dimensional Cavities by the Method of Point-Matching, J. Acoust. Soc. Am., Vol. 107, No. 3, 1153-1160(2000).

2. Prepare **five** transparencies for discussion on paper [4].