

班級：_____學號：_____姓名：_____

國立台灣海洋大學河海工程研究所 BEM 作業三(2004)

1. Solve the fundamental solution using Fourier transform with single pole ($q = 0$) and double poles ($q \neq 0$).

$$\frac{d^4 U(x, s)}{dx^4} + q^4 U(x, s) = \delta(x - s)$$