

## 邊界元素法作業二

1. Define  $U(x, s)$  : the displacement at  $x$  due to a load at  $s$  for an infinite beam.
2. Find the slope at  $x$  due to a load at  $s$  for an infinite beam.
3. Find the moment at  $x$  due to a load at  $s$  for an infinite beam.
4. Find the shear at  $x$  due to a load at  $s$  for an infinite beam.
5. Find the displacement at  $x$  due to a moment at  $s$  for an infinite beam.
6. Find the slope at  $x$  due to a moment at  $s$  for an infinite beam.
7. Find the moment at  $x$  due to a moment at  $s$  for an infinite beam.
8. Find the shear at  $x$  due to a moment at  $s$  for an infinite beam.