

Submit your report to the room 908 on the 9th floor in the south 3rd building in O-okayama campus by 13:20 on Monday 8 May.

1. Derive the z-components of the electric and magnetic fields produced by a unit magnetic current  $\mathbf{M}_z$  in the region I and II within a shorted PEC walls. Both the structure and source are uniform in the z-direction.

