AMA 3 Drae Delfa £14) = 3020 020 040 Dofine F(fin) = To fix) e-turk dx = 1 [So (0)e -1w / dx + 50 (0)e -1w / dx + S (o) elwtdx 1 Soe ciwi dx1 2 E [0°] a) magnitude will be o 2) In one case the time will yield I In the other case the time will yield Φ v = + m 1 (Im (v)/Re (v))

Φ v = - 3 π

2