

.

$$= \frac{6.875 \times 10^{-9}}{5.875 \times 10^{-9}} = \frac{11000}{1000}$$

$$= \frac{5.41}{3200}$$

Pick this the compensator to compensate slope

pick dm= 90° - We = 32000 Hz

R4(14540) = 1 > R4 = 14540 P

> specify was of controller to introduce integral action
3200 Hz = 1

R4C4 > C4= (4540 (3200) = 2.15 × 108 F

> since e(00) =0 & step input + VIR(s)===

Since we've set values such that L(jw) =00,

we can possibly say that lim G(s) = 00,

(1) = (2) 9 (2) = -1/23 (1) find (1)

therefore e(00): x = 0



