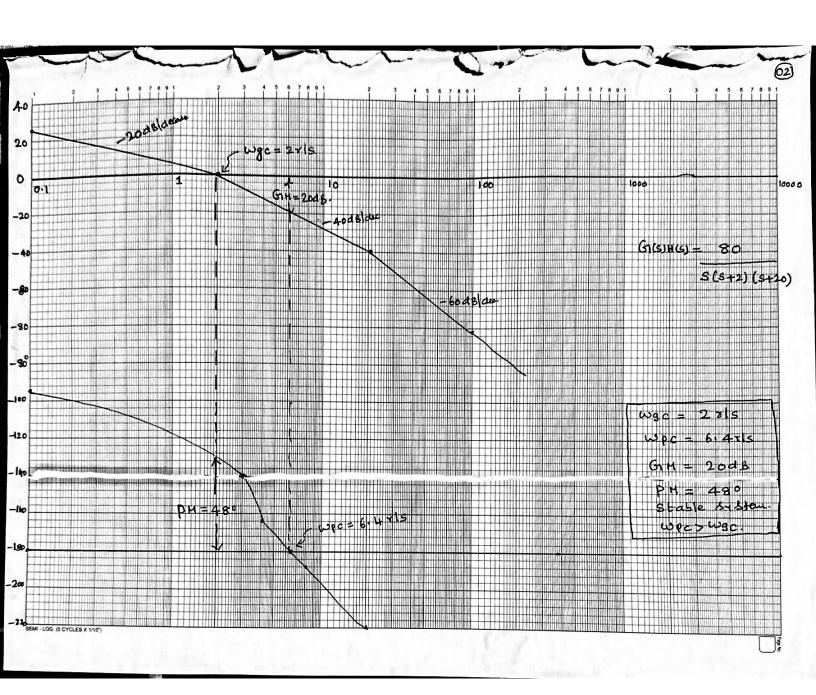
01

Try wrfer w=6.



$$\alpha(s)H(s) = \frac{27(s+2)}{s(s+6)(s^2+4s+s)}$$

$$ω$$

0.1

-90.625

2

-121.364

3

-150.251

Frierpolaban

ω = 4

σ = 6

-285

Lere.

0 = 5

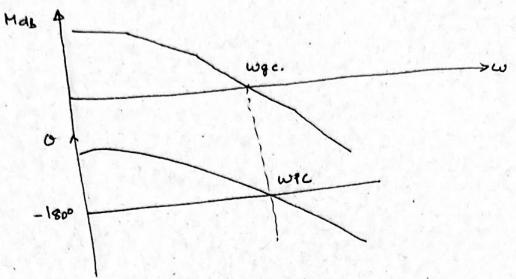
θ = 10

-294.01

100

-269.098

Follow same procedure green for

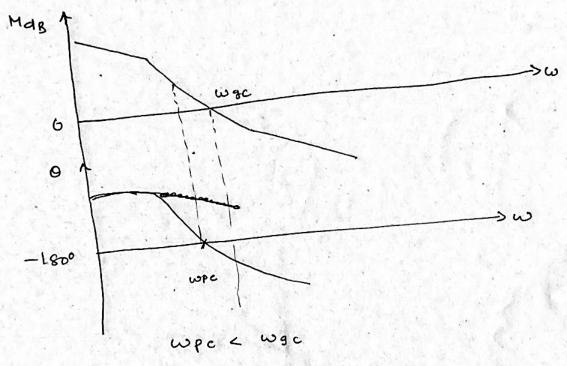


سود ع سعد .

At this frequency.

Mab = 0 and (allow) Histor = -1800

=> Critically Stable.



No scope to 1 gain

NO scope to add phase lag.

=> unstable lystem.

Self study: Resonant peak.

Definition of Git, PH, was, wpc.