100			
NY	quist	Plot	•
-		1 101	۰

- in right how many number of poles of GCS)H(S) are part. This is value of p.
  - Decide the stability criteria on N=-P ichow many times Nyquist plot should encircle '-1+10' point for absolute stability.
- 3 select Nyquist path as per function acsitics).
- Analyse the sections as starting point & terminating point of plot.

  Last Section analysis not required.
- 6) Mathematically find ow wpc & intersection og Nyquist plot with negative real axis by rationalizing aciw) HCIW).
- 1 From step 4 25, sketch the Nyquist plot.
- of Count the number of encirclements N of -1 tio by

  Ny quist plot. If this marches with criterion decided

  in step 2 system is stable, otherwise unstable.

a.m. = 1 where

Q: Intersection point of Nyquist plot with-ve seed axis ablained in step 5. i.e. a.m. = 20 log, 1 dB.