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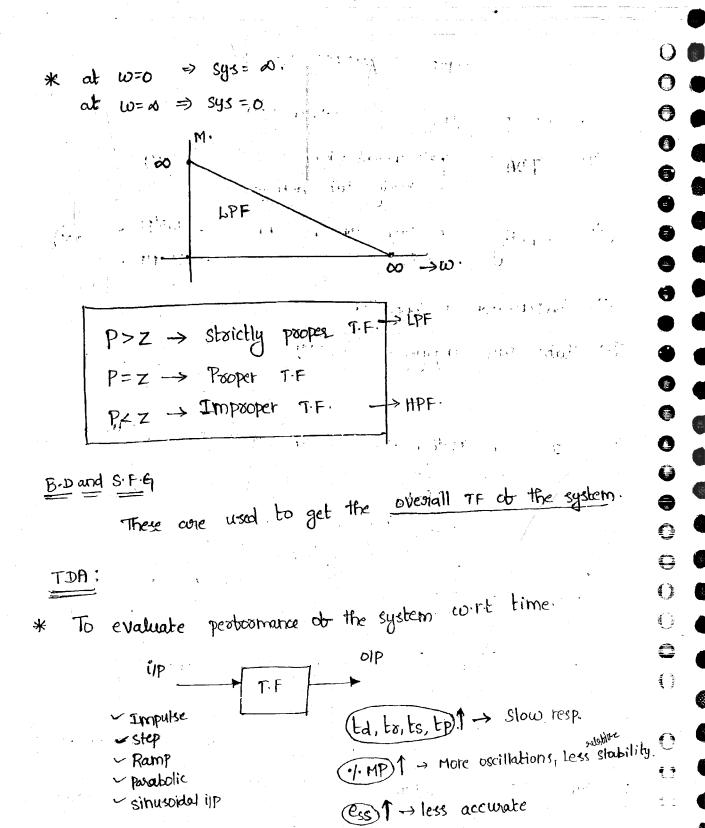
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CONTROL SYSTEMS (OM). T.F. B.D. SFG \longrightarrow (M) (61) (2M). **(**) > Transient Analysis. -> Steady State Aanalysis * Stability Time domain techniques. -> RH/RL

Freq " -> BP/ND -> BP/NP -• Compensators & Controllers. ⑤ State space analysis → (2M) T.F: It is the Mathematical equivalent model of a system. 0 $T \cdot F = \frac{L(o \cdot P)}{L(x \cdot P)}$ Û 8 Ex: 1 order-1 > No-ob Time constants (01) No ob memory elements. C R ≸R (HPF) (LPF) (LPF) (HPF). C.S C·S All control systems at are LPF * The main objective ob c.s is to get Desired Of. (or) Accurate of. * Standard form of system:

Sys=
$$\frac{K(1+ST_1)(1+ST_2)\cdots}{S^{h}(1+ST_q)(1+ST_b)\cdots}$$



FDA:

* Observing the magnitude and phase of the system by varying frequency.

