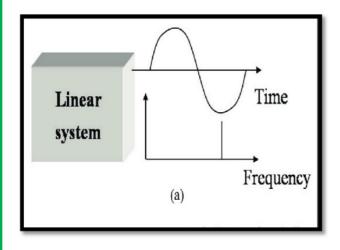
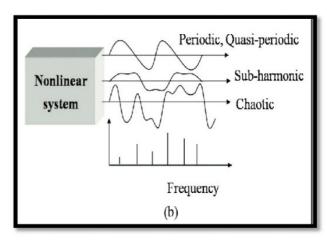


NIMRA IDRIS SIDDIQUI 17 EEB 409 GI-2134 22-11-2020 SUBMITTED TO: DR. MOHD RIHAN

ASSIGNMENT-1





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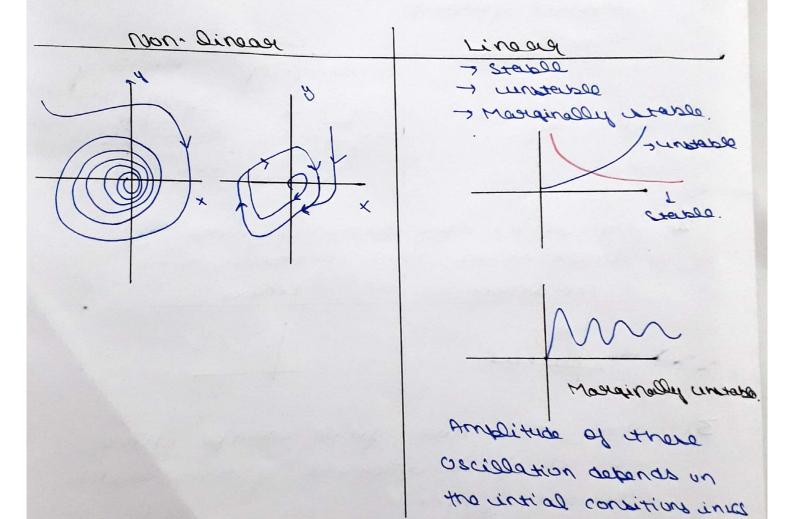
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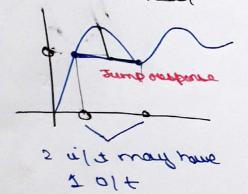
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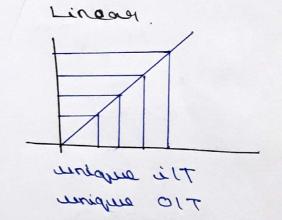
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-> on LCS whom input inc. Output also increase, deso wron ilt dec, alt also dec.

Non-Dineag





O2 the analysis of non-linear system emotive resoril or eragmos as energyth in why!

- metaya resonil The analysis of the 1.8 is done by two mothod

(i) create space

(ii) Townshow function.

The analysis of non linear system is

different from linear system because

on NIS functionably author of not proposed to input of system

is not proposed to input of non-linearity

on NIS Those is a presence of non-linearity

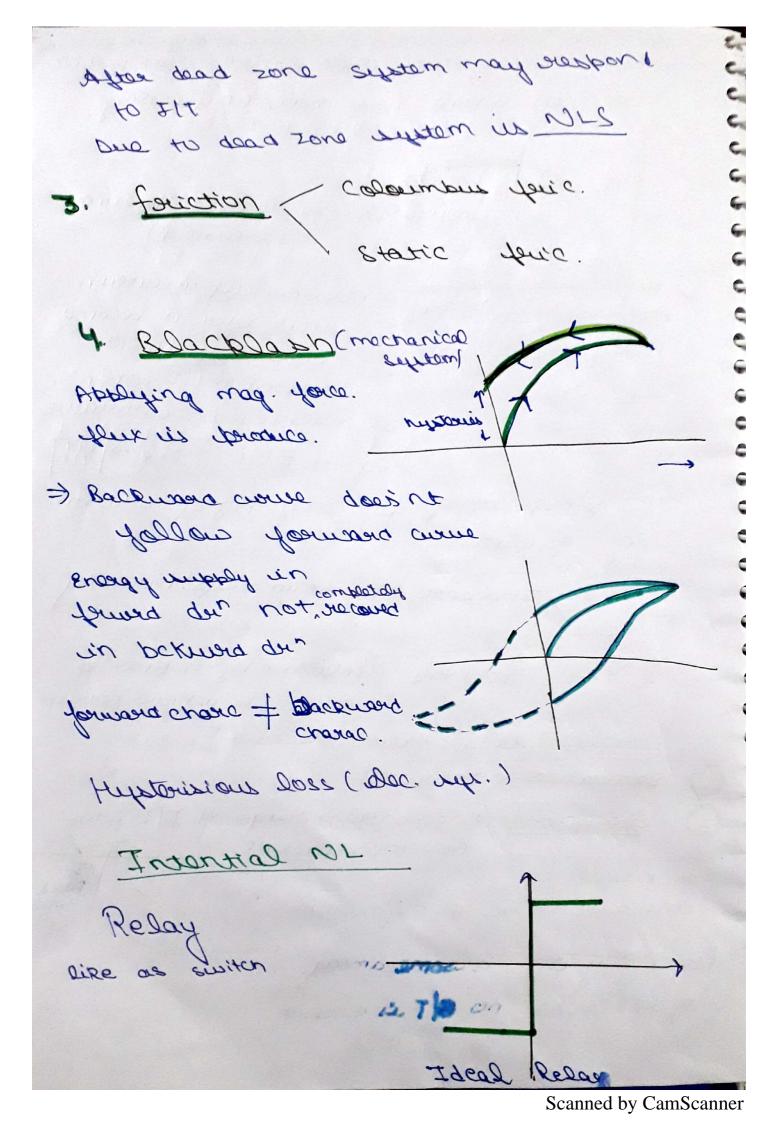
the component involved.

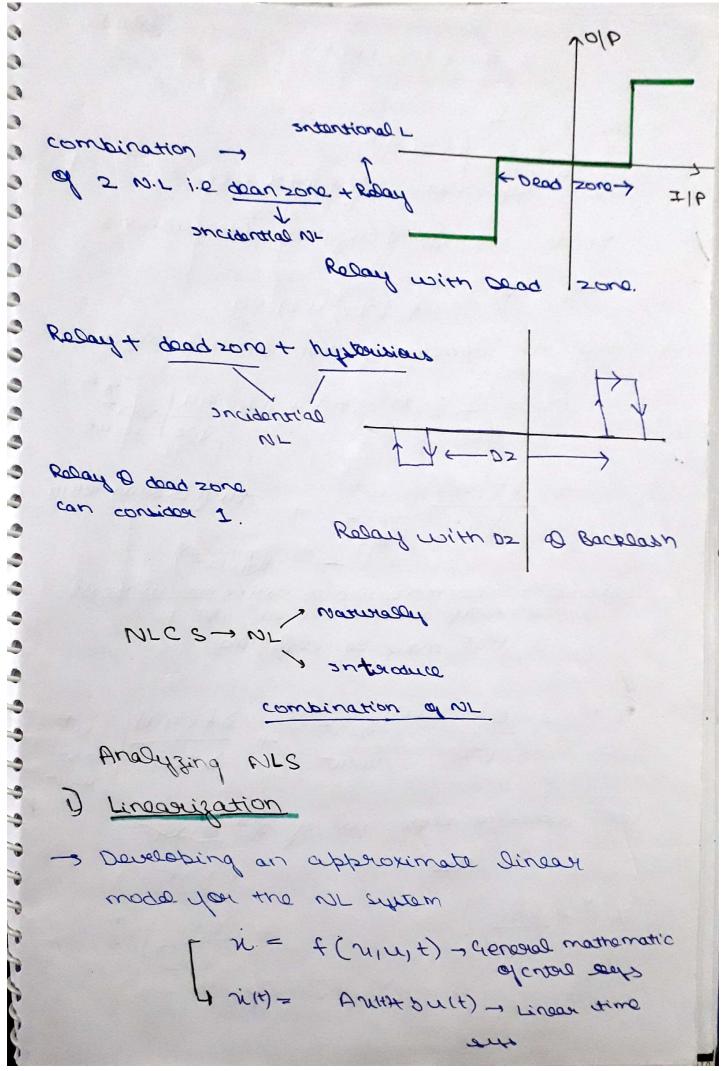
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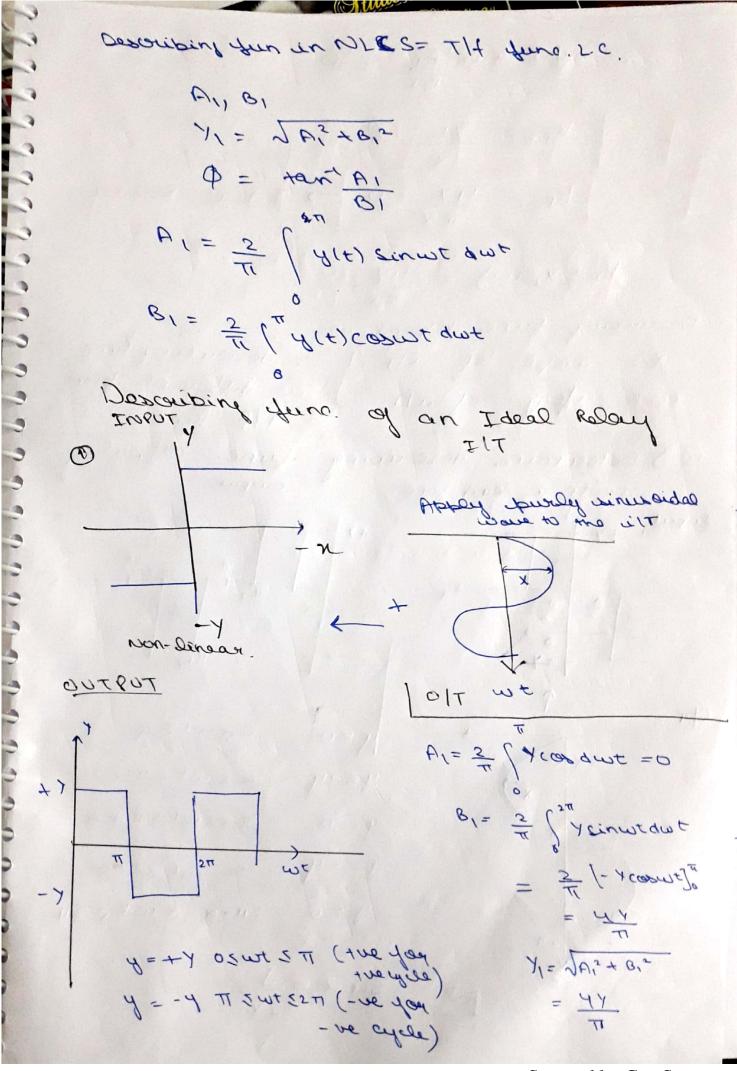
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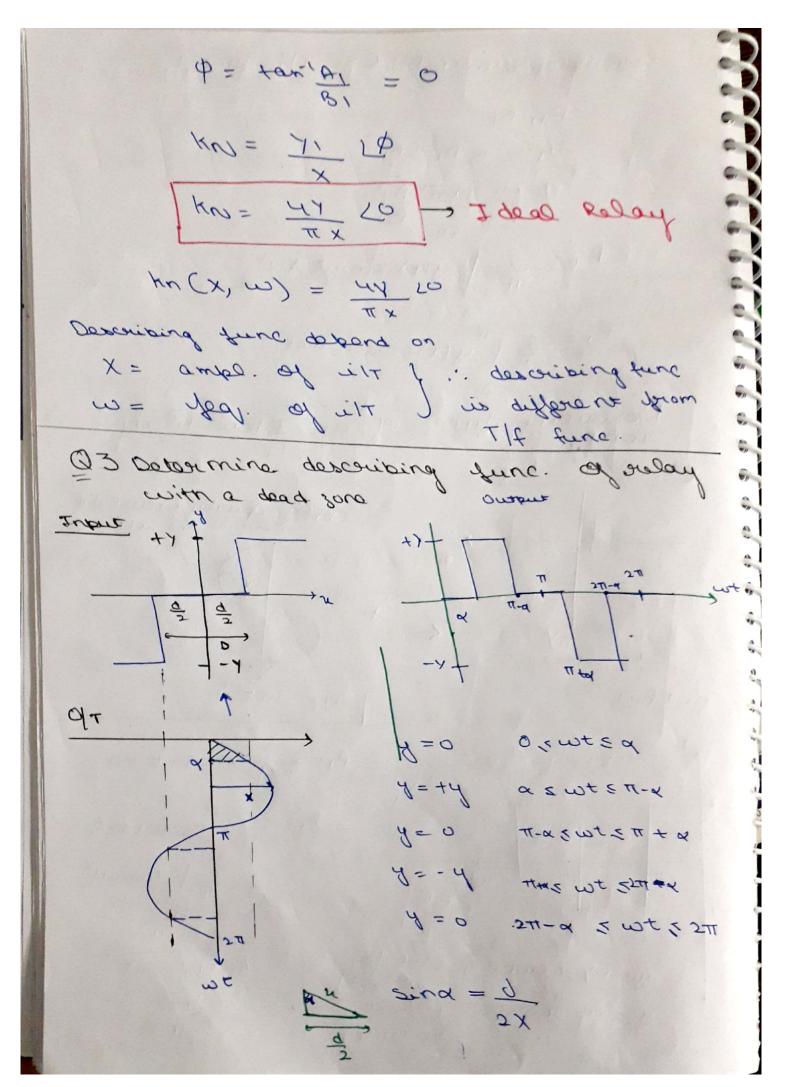
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+ 9+1 / u, + 18+1 / u2+ N2 = 6+2 | u1=4, 42=42+ 2 6+2 122+

| u1=4, 42=42+ 2 6+2 122+ + 8 f2/ uit + 8 f2/ uit $\frac{1}{2} \left[\frac{\partial f_1}{\partial u_1} \frac{\partial f_1}{\partial u_2} \right] = \left[\frac{\partial f_1}{\partial u_1} \frac{\partial f_1}{\partial u_2} \right] \left[\frac{\partial f_1}{\partial u_2} \frac{\partial f_1}{\partial u_2} \right] \left[\frac{\partial f_1}{\partial u_1} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_2}{\partial u_1} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_1}{\partial u_1} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_2}{\partial u_1} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_1}{\partial u_2} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_1}{\partial u_2} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_2}{\partial u_1} \frac{\partial f_2}{\partial u_2} \right] \left[\frac{\partial f_2}{\partial u_2} \frac$ 210 = A* 2*(+) + B* 4*(+) 1 tri dris de la prince as com per . 100 de la partir de la perior dela perior de la perior dela perior de la perior dela perior dela perior dela perior de la perior dela perior dela perior dela perior dela perior de la perior dela perior de Called Jacobian susponsible of conventing N.L sys into Dinese sys I.V.

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