Yash Suivastava 180889 ousi tal State Control Propert u(t) = arct)

Both the orbital angular momentum h

f plane orientation, x are constants, lo they are
decopped as state lqualions.

We choose state variables,

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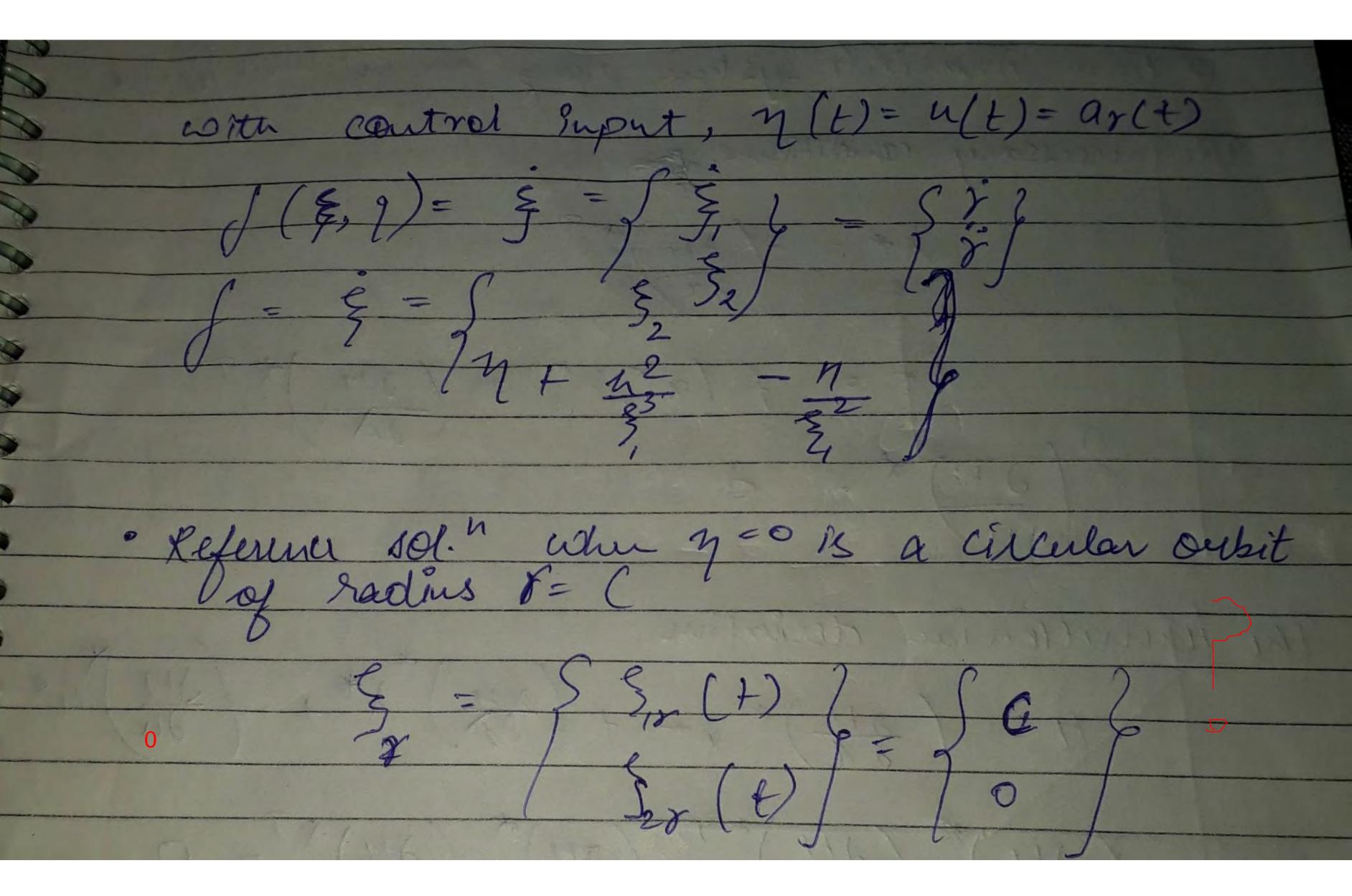
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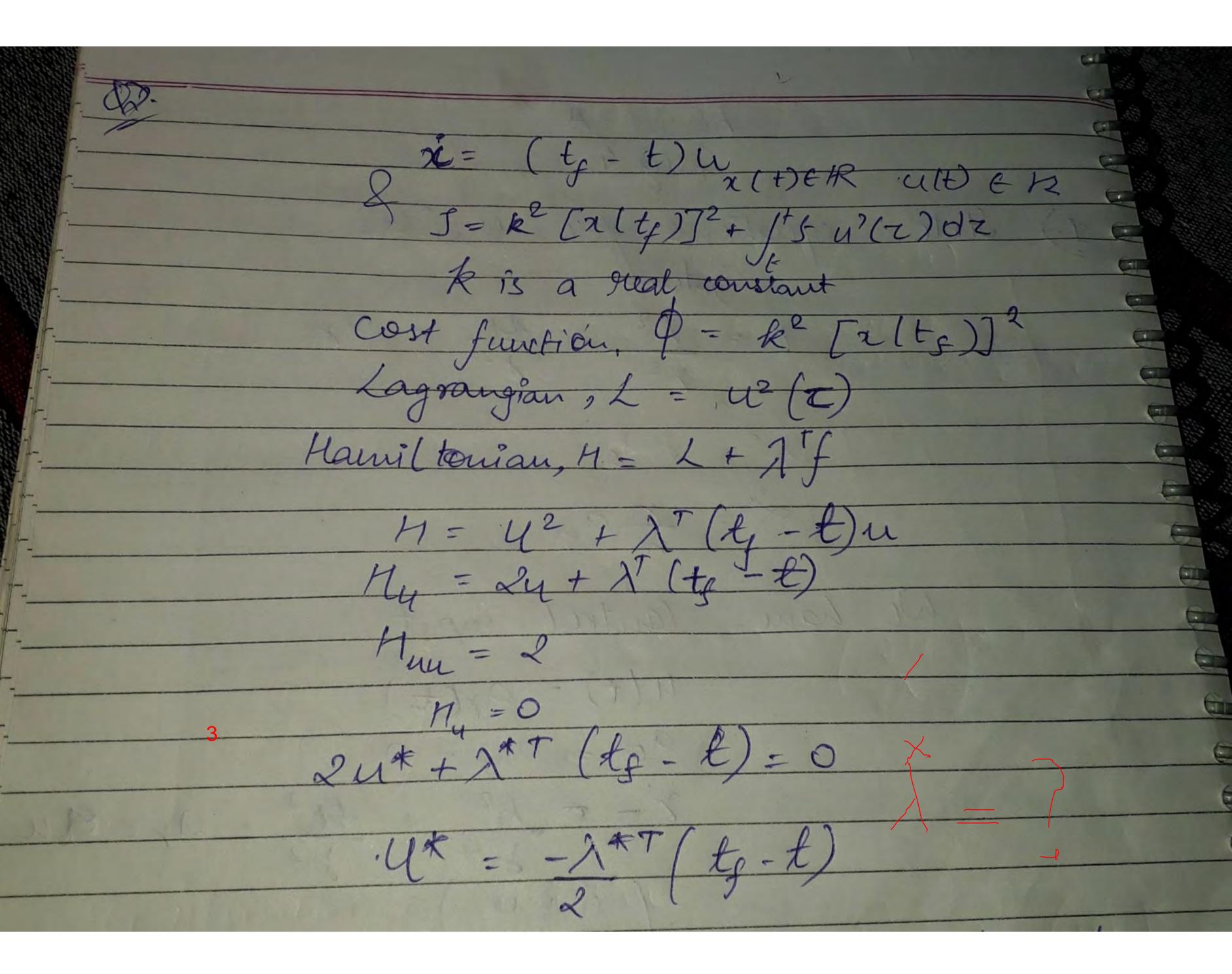
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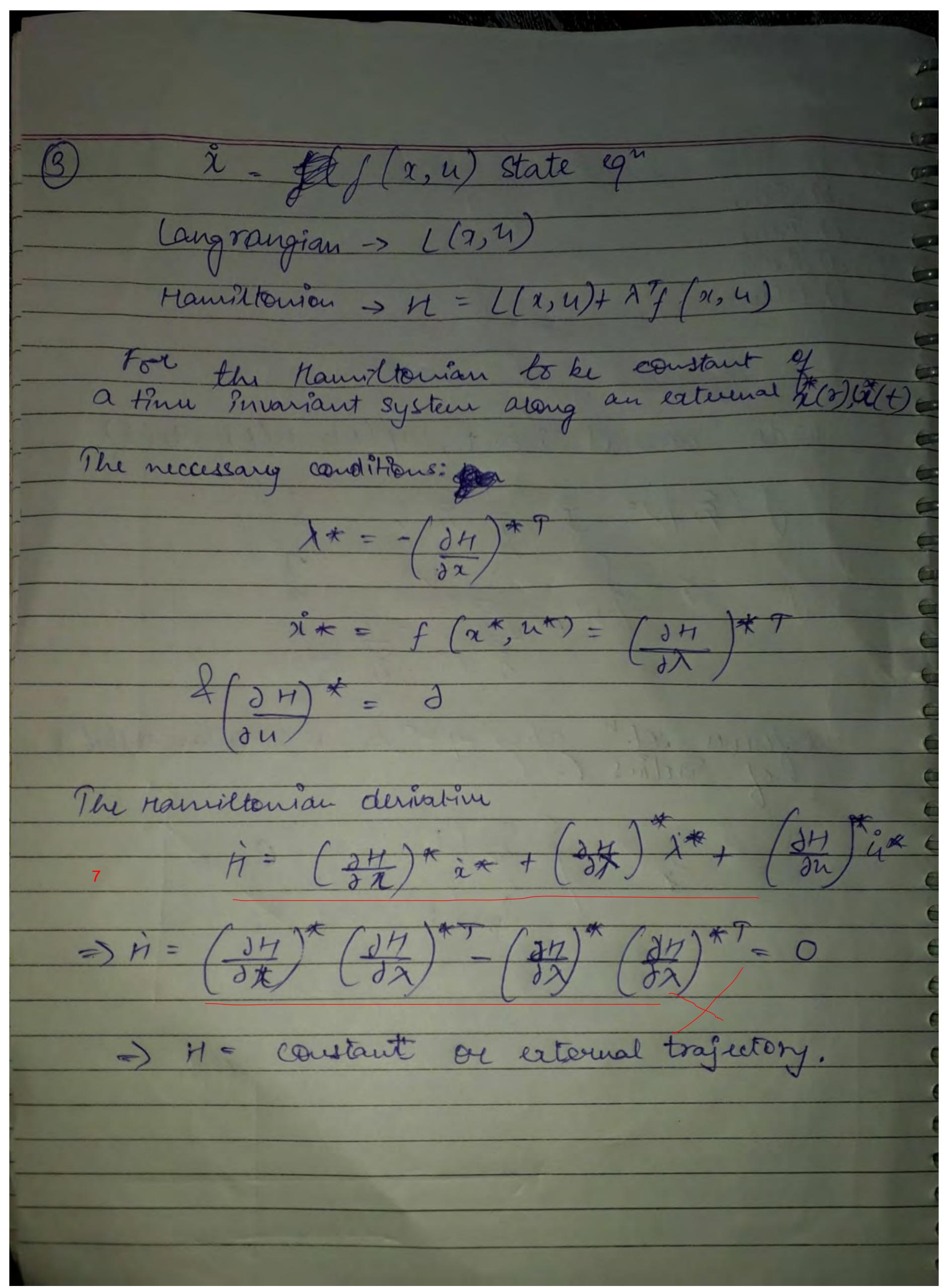
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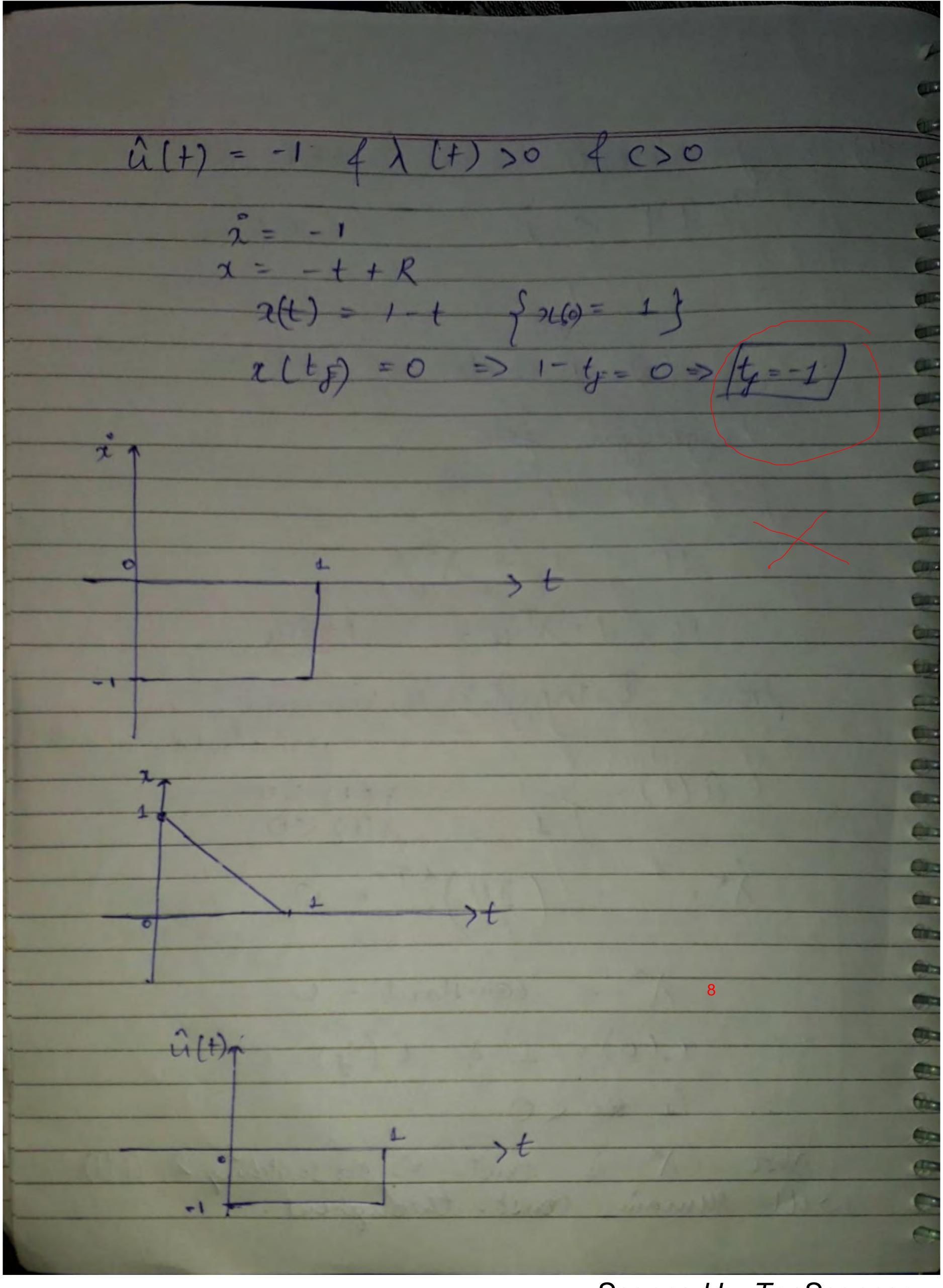






URE ER XER $H = 1 + \lambda^{T} u = -1 + \lambda u$ **Derivation?** - Coustant - C 7.(0) = 1 2 x (tg)=0 It is const. => no switching & û(t) Hemain Const. throughout.

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