Lecot - 1st order Linear with constant

Corefficient's: Rehaviour of

Soutien's, use of complexe

Method's.

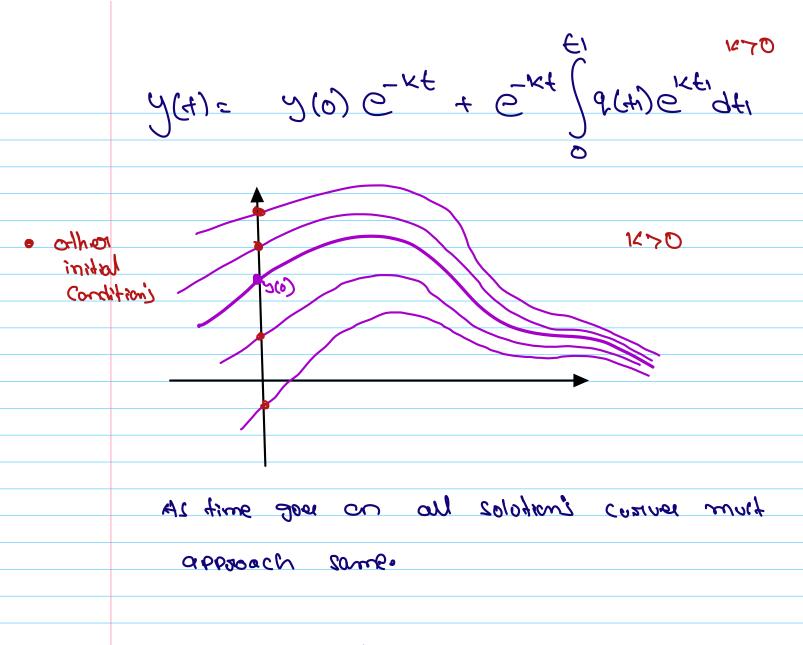
Solve:

controlor dots-chosts

(shots-chosts

(shots tressmort)

ر=



which is the town steady state

There is nothing spectial about the I steady

State solution. There is not one steady

State solution, they are manyo

=) Pick the simplest function cow it

(4) p ÷ <u>fuga</u>is

appense to the system: Solution to differ of y(t)

=) The torminology, Picture make sense only if 1<70 (40e)

Those stransiend is totally inappropriate if Is (=

Superposition of unput's

 $Q_1(4) \longrightarrow Q_1(4)$

92(4) -> 52(4)

91+92 -> 51+62

CQ1 - CY1

USE'S. limposits of equ

EX;

Coronelexitication of the Porollem:

then Re(5) = 9, is the solution.

3 4 Kg = Keiwt

OKt 91 + Kekt 9= Keiwt. ext

=> (6 kt 2) = 16 (x +100) f

=> = C = K = K = (1C+1W) E