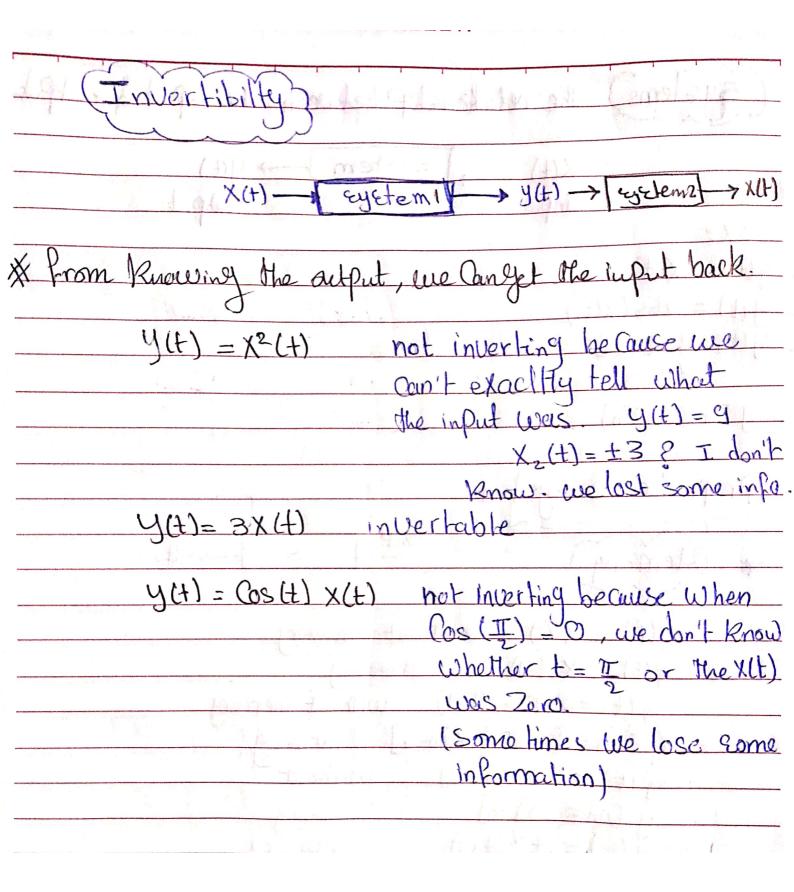
H)=+ (x (7)d7 memore



DATE:	SUBJECT:	TAO.
(Causality)	Har Car	BUDLY SOL
	Xlt) = = = ==============================	>y (t)
depends only in t	he Current or Po	ist Eignal Not The
buture.	44	J. JAJA
8(t) = (+5) x(t)	Coural	"Current"
4 [n] = [n+10] x	[n-b] (aural	
y(t) = Cos(t+5		al ( M future ")
y[n] = X[-n]		al "Sometimes Future"
$y(t) = \sqrt[\infty]{x(\tau)}$	d7 Not Cause	I " sometimes Future"
-00		

(Elability) X(t) > S) > y(t)
y(t) > 0 X(t) is finite
unstable
· Etable Eyetem > ovalut is finite when input is finite
and the same that have been a feet out to the same for the same of the same
· BIBO = Bounded input Bounded output
FIFO IT SOLVE SOLV
· When input is o > never study stability "abnormal
y(t) = x2(t) >> Etable
y(t) = extt) sectorble
y(t) = t x(t) , unstable "when t=0"
y(t) = Cos(t) x(t) -> stable "-1:7" y()
y(t) = tan(t) x(t) -> unstable " 00"
y(t) = tan (X(t)) - un stable

