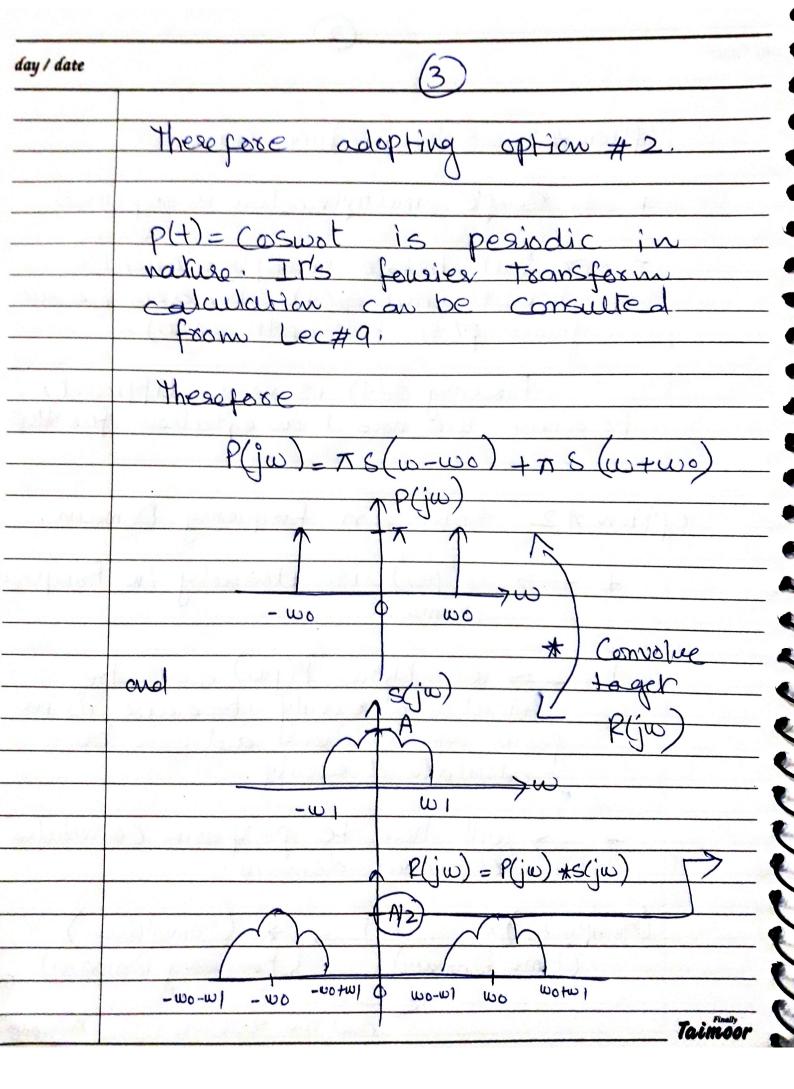


day / date Lec#12 Multiplication property: 8(+)= S(+) p(+) F.J R(jw)= 1 [S(jw) Lets understand this property through example. Example x(+)=s(+)p(t) find x(+) = ? In order to solve this Question, we have two options:-

Finally



ay / date	(y)
	Convolution with impulses is very easy.
	As ir Shifts the oxiginal signal to the location of the impulses.
	(N_2) how?
	P(jw) An > T.
	S(jw) -> A
	and from formular
	S(+) = S(+) P(+) F = T P(jw) = 1 S(jw) + P
	P(jw) can be unitten in form af
	equation $\omega = A \left[S(j(\omega - \omega_0)) + S(j(\omega + \omega_0)) \right] + R^{\omega_0}$
	and in time domain:
	$x(+) = \frac{A}{2} \left[s(+) e^{-j\omega t} + s(+) e^{-j\omega t} \right]$
4.4.11	172 Attempt Example 4.22 your Sey.