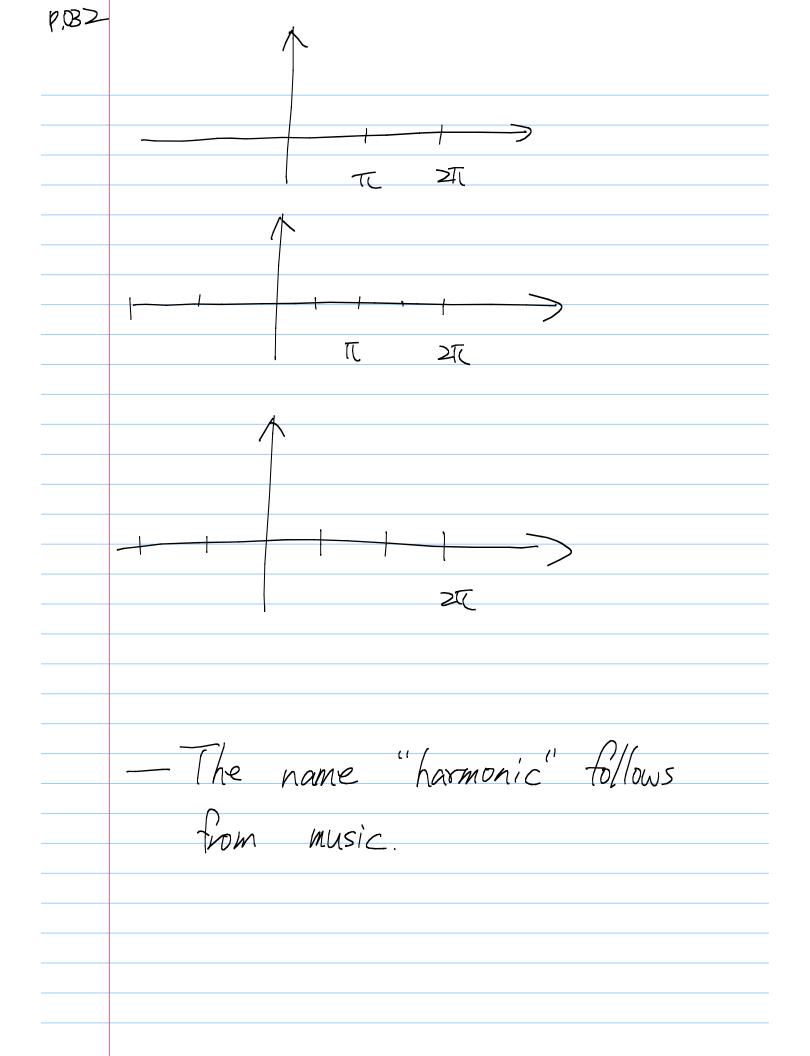
	Q: What is the	in stantaneous	power
	of X(t)= [c/e	tej(wt+p)	
	Anc	_	
	7 7 13		
X	- CT harmonically relo	ated complex	exponential
			KCIS)
	——————————————————————————————————————		1005
	- For any w, how do we have?	many CI F	HRCES
	Ahs:		
	— All these signals	ave periodic	
	- Their fundamental	periods are	



XI	T Complex Exponential
	X[n] =
	o study this signal, rewrite
	X[h]=
	em 1: Amplitude Scaling
	rm 2: If 0>0

If O <u< th=""><th>If (5=0</th></u<>	If (5=0
Tom 3: $e^{j(\omega n+\phi)}$	Again we rely on continuous signals to help us plot the
	Nelp us plot the
When we combine Real (e jwn)	them together