Lecture - Tuesday, 1 February 2022		
₽ Part	1 - Signals, Fourier Series for periodic signals	
# Part	2 - Network analysis , RLC circuits	
* Part	3 - Systems d signals	
Electric	al network is an example of a system	
* Black	box representation of systems	
input s	gnal x(t) = System = y(t) output signal	
Ex. Electri System	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
mechan Ex. syste		
* Vario	ous questions of interest *	
(i)	tou to describe a system? Representation	
2	Given a system & input to it, find the output? Analysis	
3)	hiven imput-output description, how to design a system? Design	
(1) Syste	m description or representation	







