

S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 18 26 27 28 29 30 31	February Saturda	2 0 1 8y 8
# Founder Transform -> To a	convert into Frequency	
	domain & ge	<i>_</i>
TXLW) 1	information	
[X(W).	/	
- DW	mm	
	FI+F3 F21F	
6Pres dampl	some inde at fi, F2, F2	
[XW] FI F2 F3 [XW] J J J FT	OZ Sunda	2 0 1 ay 8
1		
gives F	21F3 F,+F1	
	2913	
some spectrum		
(Ne for Garals)		
susts for any signals)	usses the information	لده
Star E	A	
Advantage of FT	Disadvartage J	
I moveney		
uses frequency	Y	
Unauthorized use of ICICI Bank's p	roprietary information is illegal.	
Unauthorized use of lord 2 and 1	* ***	

MARCH 2018

JANUARY 2018 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 **February** John Time is Frequency -> yence, wse To entend, Instead of applying FT for entire signal, 1 wareform apply Fr for windowe windows Short term

hine

MARCH 2018 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 18 26 27 28 29 30 31	February Wednesday
,	s if willish me window signal
ploss of	epends on window shape & size brained are called spectrograms
General wil	rdow size = 20ms
	petch cycles = 6-9 ms
-> If sampling	rencoses well folz in
	spectrogran 08 1 Thursday 8
V	(3 renwant spectrum is convolution

Week 6 February

JANUARY 2018							
	8	M	T	W	T	F	3
	- 4	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

-	
	well -> narrow window on well -> wilder window
Time information	well - " Poler woodow
frequency information	m well -> will will
/ ()	
V	
r 20ms → 8MMZ → 160	nearby
# 20ms → 8kHz - 181	286
	Spore
Formant 2	wavelet -> Small wave
One Asset a serior	ware.
Dominant resonances of word was	
of were was	
syn	nem
	* CP analysis
10	
10	
	smooth
Saturday	curres
	h i'clentohy
	Somants
	08/1/04/03
10	
> Cepsmin = IFT(l	og (spectnum)
	I mit
	$\sim v(n)$ 13
Englaton _ 1 Voc	(al)
Diction	1 of cco
	ct]
em)	<u> </u>
L	c(n)
L7	1
5(m)	$2v(n) \neq e(n)$
Always verify accuracy and complete	eness of information before sharing with others.
	3

S(W) = I V(W), E(W)

log S(W) = log V(W) + log E(W)

seperated both