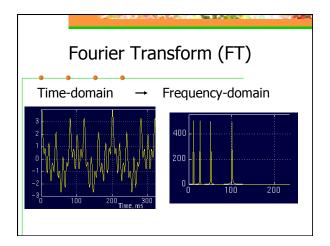
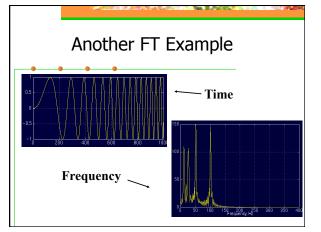
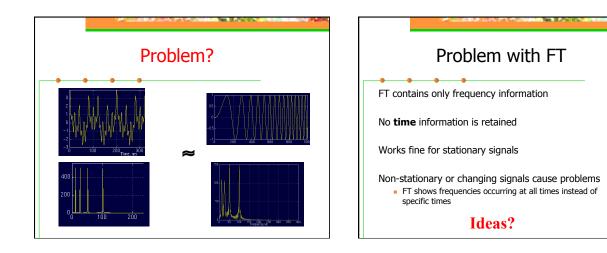


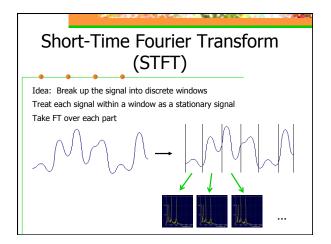
MP3 Example

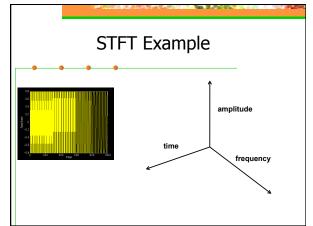
How MP3 Files Worl

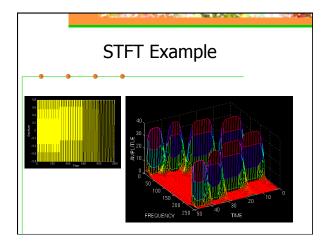


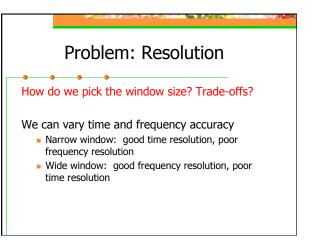


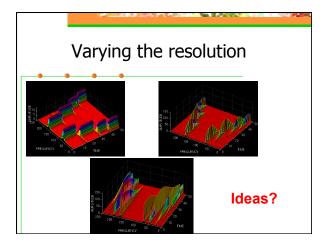




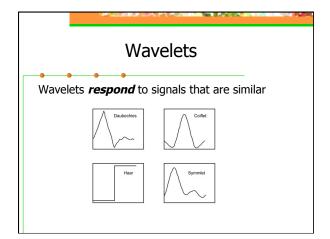


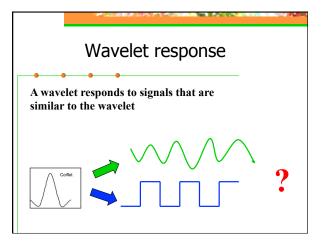


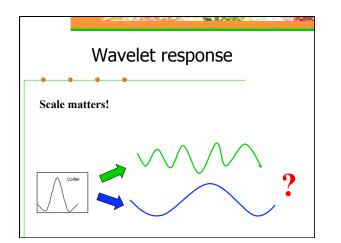


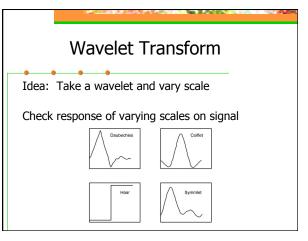


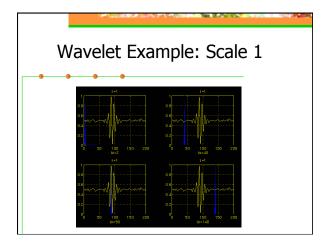


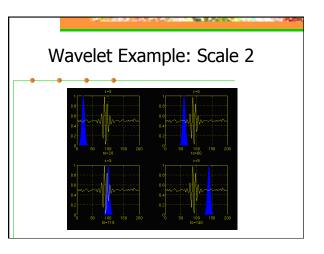


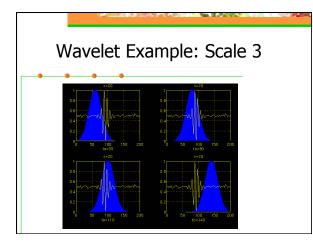


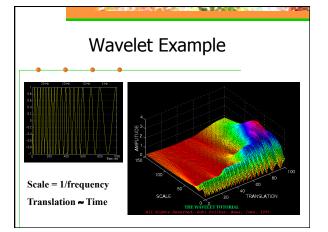


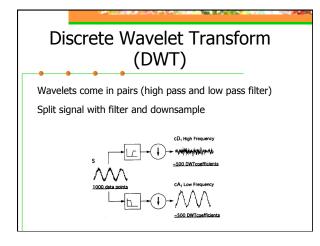


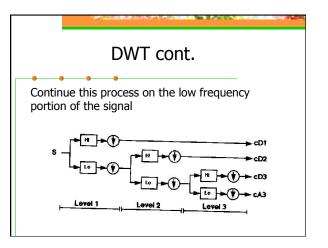


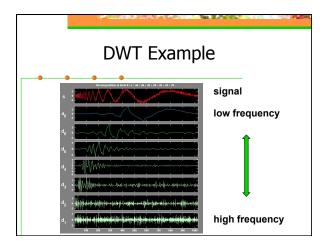


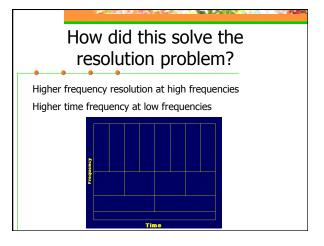


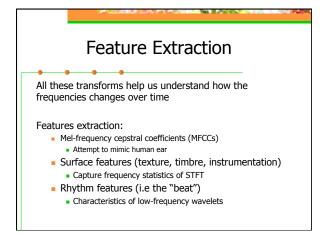


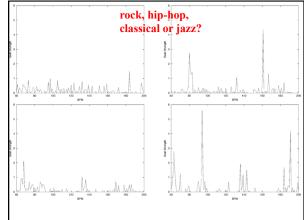


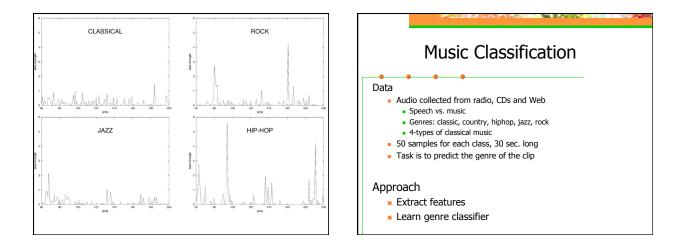












	Music Classification
Data	• •
= Aud	io collected from radio, CDs and Web Speech vs. music Genres: classic, country, hiphop, jazz, rock 4-types of classical music ramples for each class, 30 sec. long k is to predict the genre of the clip
	How well do you think we can do?

General Results							
	Music vs. Speech	Genres	Classical				
Random	50%	16%	25%				
Classifier	86%	62%	76%				

Results: Musical Genres						
	Classic	Country	Disco	Hiphop	Jazz	Rock
Classic	86	2	0	4	18	1
Country	1	57	5	1	12	13
Disco	0	6	55	4	0	5
Hiphop	0	15	28	90	4	18
Jazz	7	1	0	0	37	12
Rock	6	19	11	0	27	48
Pseudo-confusion matrix						

Results: Classical					
• •	• •				
	Choral	Orchestral	Piano	String	
Choral	99	10	16	12	
Orchestral	0	53	2	5	
Piano	1	20	75	3	
String	0	17	7	80	
	Con	fusion matrix	ĸ		

