The state of the s			NAME OF TAXABLE PARTY OF TAXABLE PARTY.	
NLP - MODULE 4 - CHAPTER 4	Demantic Attachment	Huper harmy L Humanumy	Difficulties in WSD	•
	The Committee of the Co	Hypernymy & Hugenymy	1) Difference between dichionanies	
Semantic Analysis	- process of making temantics of	· Hyponyme is the sense which is	2) Interchange Variance	
Semantic Amalysis	a contence by attaching preces	substans of another use	3) different Augorithm for duterent as	
	of semantics to the syntax tree	is: can is hyponyme of vehicle	4) word sense discreteness	
process of extracting meaning	) semantic specialist	dog - 11 - animal	,	
from text.	-Their job is to create compton semantic structure that represent the sentence's	mango — 11 — fruit	Applications of wso	
- imp subtask of NCP	semantics	- Hypername is the sense which is superclass	1) Mashire Translation	
- divided in 2 posts	2) Cambola Calculus	eg: vehicle is the hypornyme of ear	1) Test mining = Information Extraction (28)	
1) Studying meaning of individual	The extend first order predicate calulus (FOPC)	animal — 11—— dog	3) Information Relieval (IR)	
word	with function application (FOTO)  - The predicale calculus (PC) includes	fruit —— (1—— mango	4) lexicography	
2) A condying combination of individual	many, binary on-unary predicated	Hyponymes 2 Hypersymes are Asymmetric		
words	way, mary	The same of the sa	Approach)	
Lexical Remarkies	3) Feature Unification	Meronymy	- Ways to implement this approach:	
-relationship between levical items,	-it's a partial operation of feature	- It is a word that represents a	-maximal matching	
- FE COUNTRY FOR WELL (SECOND 11005)	shudure	constituent post or member from thing		
meaning of sentences, and	it's the operation of combining two	- eg: mango is meronyme of manzo tree		
syntax of sentence	feature structure such that the new	mango < mango tree	- nacimum matching	
- in cludes 2 points	feature structure contains all the info	Word Net 2 Synsch	* Defenses behaves Policema + 4	
	of the original e nothing more	-Word Net is a bit edlection of word	Difference between Polysomy - Ho	
- classification a de composition of locical items	Strategy for Sconantic Attachment	from english language that are related	Polysemy	Homonomy
- difference + similarities between	1) (reale complex, lambda expressions	to each other and are grouped in	i) 2 words or phrases have many	N. T
numerous build remarki structures	With lexical items	some way		1) Two unrelated words that look
Elements of Lexical Semantic	2) Introduce quantifiers, predicates, terms	- also called level defebore	possible meanings	same / sound some have different meaning.
	3) Percolate up Semantics from child it	wondered is a detabase of english	7) Different but related meaning	1) Different meanings.
Analysis	non - branching	larguage that are connected together	,	of pilatin manage
1) Hyponymes:	a) Apply semantics of one child to other through lambda	by their remartic relation	3) Related Word Origin	3) afferent word origin
- specific lexical items of a general	5) Combine elements, but don't introduce no		4) words are entered under one	4) words are entered separately
leaical item (hyperlink)	2	graph structure	entry in dictionary	in dictionary
- eg: apple is hypornyme of fruit	Senses			•
lujpenyme	- One word can have multiple meaning	- Word Net groups Nouns, verbs, adjust.		J) cannot be understood as words
A Company of the Comp	- the unit of meaning is sense	which are similar and groups are	the meaning of word	have unrelated different meanings
2) Mennamy:	Homonyms	called synut or synonym		
logical arrangement of text e word	- they are learnes that shore a form	, eq: Syntet (Stone, coment ) & syntet of		
that supresent a past of/member of	but unrelated meaning	building materials		
something	- words that have some syntax !	, ,		
eg: sigment of an apple	spelling / form but meaning are	- 3 principles for Synact		,
3) Polysemy:	different	i) minimality		
relationship between meaning of un		7) Wrege		
or phrases, although slightly different, they	bank (rivervide)	3) reduceshility		
shale a common bank meang	Palysemy	Word Sense Dirambiguation (WSA)		A CONTRACTOR OF THE PARTY OF TH
- 19: Tend hat a Timb . Lake	-words or process with different but	-well known problem in NLP		
-eg: I read a book & I wrote a book	telated meaning			
4) dynonyma:	-eg: he drank a glass of milk.	- med in identifying what evente of word means in a sentence when		
- words that have same sime or meaning	he forget to mick the con			
- eg: sad, whappy, depressed	0	wird has multiple meanings.		
	Synonymy	- Approaches to WSD:		•
5) Antonyms:	- word or phrase that means expetly	1) Dictionary & knowledge based method		
- Nords that have opposite meanings -cg: good/bad	the same as another word/potraw in	2) Supervised method		
2.2. A. 1	hame baquage	3) Somi supervised/minimaly supervised method		
6) Homonyms	- words with similar meaning	4) Waspervilled method		
- word that sound some + spelled	- eg: 11ch-wealthy, mistake - eror	WSD Evaluation		out the state of
same but have different meaning		require lost corpus, hand annoted with largel	1	. 9
· eg · right (Correct)	- words that have apposite or contrasting meaning	a correct pences & ascure that such a a compart can be combusted.		
right (Turn)	- eg: nich/poor, hat/cold, day/right	- performance measures:		
J ( '47n) ,	) I miner Graftude	1) Preción >) Recall		
		- Types of leit corpore		
A second		DAII Words		
	_	WALL MOIOS	1	
		1	1	t · · ·