ENGL 306A 🏾 🌮 Personal Notes



Chapter 1: Cognitive Basis of Language NEUROCOGNITIVE AFFINITIES MODES OF MEANING Pi "Neurocognitive affinities are patterns We understand about the world through neurocognitive affinities, but communicate language that we can recognize. G Types about them through modes of meaning. Types: () Identity; 2 Resemblence / similarity (ie metaphors) () "symbolicality" : relation of convention - comparing things to others because eg dog/pero/子句 they are similar indexicality": relation of association 3 Correlation (ie metonymy) - this can be causal or correlational - when we associate 2 things because eg the sound of dropping a book is they happened together in time/space associated with it hitting the floor - eg "the Kremlin invaded Ukraine" 3 "iconicity": relation of resemblance - we recognize things because they look/ (Subsets (ie meronymy / synecdoche) feel like other objects we are familiar - "meronymy": subsets, wholes & parts; eg fingers are part of a hand with - eq we know everyone in class is a - "synecdoche": where a part is made to describe the whole or vice versa human (eg "Toronto made it into the finals") (ie antithesis) - when something is used in place for another thing that contrasts it - eq "that tall person is tiny" 6 Repetition (ie multiplicity) - when something is repeated multiple times - eg "Go, go, go!" (7) Sequence - when we process things based on their

- order
- eq before/after, etc

SIGNS



FIGURATION / TROPES

""Inopes" occur when something (the "source") carries the primary signification for something else (the "target") that ordinanly holds that signification.

- "C" Types:
 - 1) Metaphors;
 - 2 Metonymy: *
 - (3) Synecoloches.

INDEXICALITY IN LANGUAGE

P "Indexicality" occurs when one element of a set/relationship (the source) is singled out to stand for other elements (the "target") eg "the law is here", "Toronto wins at OT"

ANALOGY IN LANGUAGE

"P" "Analogies" occur when one element (the "source") represents another element (the "target") to which it is unrelated.

eg metaphors; ie "the sun is like an orange"

POLYSEMY

P: "Polysemy" is when a word has multiple meanings.

eq "pussy" - sexual organ, cat, insult

PHONAESTHEMES

- P "Phonaesthemes" are units of sound that are thought to carry meaning, although there is no conventional basis for that meaning.
 - eq "gl-" in glow, gleam, glistening connotates to "light/shine"

STRUCTURAL PRINCIPLES IN LANGUAGE

- Pi All language is founded ultimately on "contiguity"; ie there must exist physical, temporal or conceptual relations between expressions & what they reference for
- a communicative code to exist.
- B2 Thus, all language is symbolic in nature.

MOTIVATION

""Motivation" refers to non-arbitrary links between

a form & the meaning of linguistic

expressions.

INDEXICALITY

& Recall indexicality is metonymic, as it is defined by correlation/causation.

EGOCENTRICISM / ME-CENTRICISM

- B1 "Egocentricism" refers to the tendency to use language to communicate ones own thoughts, feelings & experiences.
- D₂ This is achieved via "deixis" (pointing words), which point to specific individuals, objects & locations.

eg "this dog. that house"

- B's We can use "proximals": ie
 - O Speaking location ;
 - eg here, there, near, etc
 - ② Speaking time; &
 - eg now, today, then, etc
 - 3 Relative location to the speaker.
 - eg this, that, etc
- "By we can also use "pronouns":
 - () ego = (st person
 - ego + others = 1st person plural
 - 3 hearer of ego = 2nd person
 - (1) hearer of ego + others = 2nd person plural
 - S not ego or hearer of ego = 3rd person
 - Inot ego or hearer of ego + others = 3rd person plural

ANTHROPOCENTRISM / HUMAN-CENTRISM

- "P" "Anthropocentrism" refers to using language to name objects according to their relation to us; ie we project ourselves onto objects.
 - eg front/back of a car, since that is how we use cars

ICONICITY

P'Recall iconicity is "metaphonical", as it is defined by similarity k resemblance.

QUANTITY

- "" "Quantity" refers to when the amount of language resembles the amount of events / concepts.
 - eg "dinosaurs lived a <u>long, long, long</u> time ago"
 - plurals are longer than singulars

SEQUENTIAL ORDER

- B' "Sequential order" refers to when the order of language resembles the order of events/concepts.
- U2 In particular, the order of words/sentences usually mirrors the order of events.
 - eg "don? drink and <u>drive</u>", "<u>stop</u>, drop & roll"

DISTANCE

- "" "Distance" refers to when the closeness of linguistic elements resembles the closeness of events/concepts.
 - eg "greenhouse" vs "green house", "wetsuit" vs "wet suit"

CONSTRUCTIONS

"B, "Constructions" are patterns/templates that are used to build larger units of language, like phrases or sentences. ie the building blocks of language Q Examples: ① Fossilized expressions; eg now and then, kick the bucket ② Partially-filled fossilized expressions; eg jog X's memory Abstract syntactic patterns; eg NPVP (active), NP be V by NP (passive) () Words : (5) Morphemes; eg pre-, -er, -ed, etc 6 Phonemes, syllables & features; eg /pl, 16/, higher/lower voice

ANALOGIC FRAMES / CONCEPTUAL METAPHORS

- P² "Analogic frames" are cognitive structures that allow us to understand complex or abstract concepts by <u>mapping</u> them onto concrete & familiar experiences.
 - eg "time is <u>money</u>", "she <u>shot</u> me down", "he <u>attacked</u> my point", etc

CORRELATIONAL FRAMES / CONCEPTUAL METONYMY

- "Gi "Correlational frames" are cognitive structures that allow us to understand complex or abstract concepts by <u>replacing</u> them with related/associated concepts.
- P2 Examples:
 - 1) Producer for product;
 - eg "I only read Dr. Seuss"
 - Container for contained;
 - eg "that's a tasty dish"
 - 3 Person for instrument;
 - eg "I'm parked out back"
 - @ Place for institution;
 - eg "Ottawa sent my rebate"

Chapter 2: Words

WORDS

- G a "wora" is the smallest unit of language that can be uttered in a context with objective or practical meaning.
- P, Note that words are arbitrary.

LEXICALIZATION

"O" "Lexicalization" is the process of turning a concept/idea into a word or set of words.

eg the ringing of a phone \rightarrow "ring"

WHERE WORDS COME FROM

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P, Words can come from
   1) the imagination; or
       eg hobbit, googol, quark, etc
   @ the world.
       eg bang, crackle, spark
They can also come from other words;
   these can be distinguished via the
   following :
  () "structural" (ie permutations of form)
       - ie when a word comes from borrowing
         other words, combining words, or reducing
         words
   ② "Onomasiological" (ie permutations of meaning)
       - eq metaphors
SIMPLE VS COMPLEX WORDS
"I "Simple words" are those with only one
    morpheme
    eg "Fred", "sane", "disc"
G "Complex words" are those with 32
     morphemes.
     eq "quicker", "blackbird"
SEMASIOLOGY VS ONOMASIOLOGY
G' "Semasiology" is concerned with the question
     "what does the word X mean?"
U2 "Onomasiology" is concerned with the question
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"how do you express X?"
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- you use the concept to "determine" the 
words
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SEMASJOLOGY

POLYSEMY

- "Polysemy" refers to when a single
- word has multiple meanings
- B' Types:
 - () <u>Specialization</u> correlates with narrower sense
 - Queneralization correlates with wider sense
 - 3 Metaphonization correlates with resemblance
 - (1) Metonymization correlates with correlation/ contiguity

HOMONYMY

- B "Homonymy" refers to when two or more words have the same form (spelling and/or pronunciation) but different meanings.
 - eg bank (of water) vs. bank (the financial institution)

DERIVING WORDS FROM OTHERS

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'Ø' Words can be formed from others in
several ways:
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- ① "Metaphonical" a new signatum from Companison
 - eg broadcast (to cast out seads → to send out a signal) mouse (rodent → computer device)
- (3) "<u>Metonymical</u>" a new signatum from physical/conceptual association

eg horn (animal projection -> instrument)

3 "<u>Specialization</u> — narrowing of signatum

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eg pill (small unit of medication → birth combol)
school (learning institution → K-12)
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() "Generalization" — broadening of signatum

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eg - ship (send by boat → send by any
means)
- school (learning institution → an intellectual/
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creative group)

WORD CLASSES

- G' Types:
 - ① "<u>Content words</u>": carry the semantic burden & are less important syntactically
 - nouns, verbs, adjectives, adverbs
 - (2) "Function words": corry the syntactic work, are relatively light semantically
 - prepositions, particles, qualifiers, determiners, etc.

WORD CLASS DIAGNOSTICS

P' Types:

- O "Semantics": the type of signata the category invokes;
- (2) "<u>Morphological</u>": the shape the signata possess; k
- (3) "Syntactic": the other words the class occurs with & the order in which they do.

ENGLISH NOUNS

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B: Semantic: a person/place/thing.
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- B: <u>Morphological</u> takes plural & possessive abilities.
 - eg dog<u>s</u>, dog<u>'s</u>
- Q' Syntactic : follows articles & adjectives.
 - eg the <u>green</u> dog, <u>a</u> dog

ENGLISH ADJECTIVES

- "" Semantic: a quality attribute / property.
- - eq quickly, quick est
- B: <u>Syntactic</u>: precedes nouns, foilows degree words
 - eg the very big boy

ENGLISH VERBS

- Bi Semantic: action or state.
 Bi Semantic: action or state.
 Bi Semantic: takes 4 suffixes:

 past tense;
 nodded

 (a) third person singular present;
 nods
 (b) past participle; k
 nodded, had nodded
 (c) present participle.
 nodding, was nodding.
 (c) Syntactic: can follow an auxiliary verb.
 - eg he can nod his head.

ENGLISH ADVERBS

- P' Semantic: modifies an action/state.
- g Morphological: none (although many and in -ly) By Syntactic: follows a verb
 - eg he nods vigorously

ENGLISH PREPOSITIONS

P Semantic: establishes spatial locations, relations

or directions.

eg at, in, on, by, etc

ONOMASIOLOGY

SYNONYMY

- ""Synonymy" occurs when the signatia are different, but the signatum is the same.
 - neurocognitive affinity : resemblance / similarity
 - eg dog. doggo, doge, etc

PLESIONYMY

- "I" "Plesionymy" occurs when the signantia are different, & the signate are similar but not the same.
 - neurocognitive affinity: resemblance/similarity
 - eq the n word, the p word

ANTONYMY

- . "Antonymy" occurs when the signantia are
 - different & the signate are opposite.
 - neurocognitive affinity: resemblence/similarity
 - eg black/white, up/down, etc

MERONYMY

- ""("Meronymy" occurs when the signantia are
- different & the signata are in a super/subset relation.
 - superset = hypernym, subset= hyponym
 - neurocognitive affinity : meronymy
 - eg for dog: hound, terrier

WHERE WORDS COME FROM -STRUCTURAL PROCESSES

"" Words can arise from structural processes:

- () Borrowing other words;
- © Combining other words/phrases; &
- eg through "blends"; eg smoke + fog → smog
- 3 Reducing words.

BORROWING

- B' "Borrowing" occurs when the form inevitably changes (to accomodate the borrowing languages phonology), & the meaning also shifts in various ways:
 - eq skunk, chocolate, etc

COMPOUNDS

Bi "Compounds" are words that consist of two words combined together.

eg airplane, fire engine, etc

- Types of combinations.
 - 1) the words are glued together;
 - (2) the words are hyphenated; or
 - 3 the words are just stressed.

CLIPPING

- "Clipping" occurs when words are shortened/spliced before being combined.
 - eg professor → prof, hamburger, etc.
- U. This is often jargon, which increases efficiency

ACRONYMS / ABBREVIATIONS

"G" "Acronyms/abbreviations" are examples of combining & reducing.

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eg radar, scuba, etc;
CBC, USA, etc
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- B² Note that with clipping, the linkages are more apparent, & so the original meaning is more easily recoverable by outsiders; but with jargon & acronyms, often secret information is needed.
- B' Thus, jargon is more exclusive than clipping.

CONVERSION (DOUBLE-DIPPING)

"B", "Double-dipping" occurs when a word/phrase is borrowed from one language into another, and then re-borrowed back into the

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, original language
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B' The word usually also changes form or meaning.

eq café, sushi, fiancé/fiancée, etc

PRODUCTIVITY

Ö' "Productivily" refers to the capacity of a language or specific linguistic rule to generate new words, phrases or structures.

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Chapter 3:
Morphology
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INTRODUCTION

- B' "Morphology" is the study of morphemes, which are the smallest units of language
- U2 In particular, a morpheme is the Smallest pairing of signans & a signatum.

TYPES OF MORPHEMES

- 'g' Types: 1) Free morpheme: can stand alone as a word
 - eq write, dog, cat
 - 2 Bound morpheme: cannot stand alone as a word.
 - "affixes" are a type of this
 - split into prefixes, suffixes, infixes & circumfixes
 - eg -er, -ez, pre-, etc.
- ? Types of bound morphemes:
 - ① Inflectional morphemes: added to a word to indicate grammatical information without significantly changing the meaning - eq -s, -ed, -er, -est
 - Derivational morphemes: added to a word to create a new word with a different meaning/category.
 - eq -un, dis-, re-, -able, -ly - eq un-break-able, dis-associate, re-try
 - we often use the notation i-x} or ix-i to denote suffixes & prefixes.

MORPHOLOGICAL CONSTRUCTIONS

- "Morphological constructions" are patterns or structures that are formed by combining morphemes to create complex words.
- By We use the following syntax for our "building block":



ANTIMETABOLES





PARISON

""Parison" refers to repeating a grammatical structure/pattern in successive clauses/ sentences for effect.

SYNTAX TREES

B' Syntax trees are graphical representations used to analyze structure of words/phrases in a sentence.

- . We can explore parison via a syntax tree.
 - g [take [the boy]_Np Cout of [apartheid]_Np]pp]_Vp] As a tree:



FIGURATIVE DIMENSIONS

 "Figurative dimensions" refer to aspects of meaning that go beyond literal/straightforward interpretation.

eg with antimetaboles, we exploit multiplicity, identity & sequence.

 D' This helps increase productivity & memorability of sentences.

PRODUCTIVITY IN MORPHOLOGY

- ""Morphemes" often imply the underlying
 - theme behind words.
 - eg petro- => petrol related

ROOTS VS STEMS

- "Roots" are the base elements of a word, that are usually irreducible units.
- "Stems" are formed by combining
 a root with other morphemes
 - (eg affixes/suffixes), and can serve
 - as the base for successive word formation.

AFFIX CONSTRUCTIONS

- °P' Constructions:
 - <u>Prefix</u>: [Af [x]]oldcat] newcat
 newcat
 Af Oldcat
 x
 Snffix: [[x]],..., Af] rewat

EXAMPLE: ENGLISH MORPHEMES

(paste SS from slides)

Chapter 4: Syntax

. "D' "Syntax" is the subfield that studies the structure, organization & rules governing the formation of sentences/phrases in a language.

NOTATION

"x → Y″	→	x "is a" Y
" х ү" -		X precedes Y
°(×) ″		X is optional
" x* ″ -	→	X iterates
"ix,y}" -	→	XorY

BASIC ENGLISH PHRASE STRUCTURE SYNTAX RULES

sentence:	(S → NP PredP (AdVP)
noun phrase:	$NP \rightarrow (Det) (AP)^* N (PP)$
adjective phrase:	AP → (Deg) A
propositional phrase:	PP → P NP
predicate phrase:	PredP → (Aux) {NP, NP, op } (AdVP)*
verb phrase:	VP -> V (NP) (NP) (PP)
copulative verb phrase:	$VP_{cop} \rightarrow V_{cop} \{AP, NP, PP\}$
adverb phrase:	AdVP -> {(Deg) AdVP, PP}

BASIC SENTENCE PATTERNS

"Basic sentence patterns" are common Syntactic arrangements used to form sentences in a language.

WORD PATTERNS

Ö' "Word patterns" refer to the systematic combinations of words within a language. EXAMPLE: I AM SAM /SAM I AM



TYPES OF VERBS

'\$' Types:

- ① <u>Intrasive</u>: does not require a direct object to complete its meaning
 - eg "sings," laughed, etc
- ③ "Transitive": requires a direct object to
 - complete its meaning
 - transfers its meaning from the
 - subject to the object
 - eg "kicked", "painted"
- ③ "Ditransitive": requires both a direct object & an indirect object
 - transfers its meaning from the subject
 - to both direct & indirect objects
 - eg "they sent me a gift"
- "Copulative/linking": connects subject to a
 - subject complement
 - complement provides more information about the subject
 - eg "she is a teacher"

ENGLISH BASIC SENTENCE PATTERNS

Bit Types:
Intrasive - Vi - consists of a subject & intronsitive verb - eg "she dances", "they laughed"
Transitive - Va - consists of a subject, transitive verb & direct object - eg "he kiched the ball", "she ate an apple"
Ditransitive - Va - consists of a subject, ditransitive verb, a direct object & an indirect object - eg "she gave him a book", "they sent me a gift"

- (Copulative Vcop
 - consists of a subject, copulative verb & a subject complement
 - verb links subject to a complement that describes/identifies it
 - eg <u>"she is</u> a teacher" "they seem happy"
- 6 Complement V comp
 - consists of a subject & a complement
 - complement describes / provides more info on the subject
 - eg "they go to school"
- 6 Transitive complement V_T-comp
 - consists of a subject, transitive verb, a complement & an object
 - verb transfers the action from the subject to both the direct object & the complement.
 - eg "she made him happy", "he painted the wall red"
- \mathcal{G}_2 We can view all these as syntax trees.

CONSTRUCTING SYNTAX TREES FROM SENTENCES

Determined Syntax tree.

EXAMPLE: INTRANSITIVE/V



EXAMPLE: TRANSITIVE/V2



EXAMPLE: DITRANSITIVE /V2



EXAMPLE: TRANSITIVE -COMPLEMENT / V T-COMP



EXAMPLE: COMPLEMENT / V COMP



EXAMPLE: COPULATIVE / V COP



EVENT SCHEMATA

""Event schemala" are cognitive structures that represent understanding of language related to events or actions.

BEING SCHEMA

- "The "being" schema relates a characteristic or any other conceptual category to a given entity that does not really play a dominant role in the relationship.
- $\dot{\theta}_2$ The "patient" is the main participant.
- B' An "essive" is any role that is related to a patient via a "being" link.
 - eg The Sahara is dangerous. patient essive Meilin is in trouble

HAPPENING SCHEMA

Bⁱ The "happening schema" emphasizes a process taking place & the participating entity involved in it.

DOING SCHEMA

- 'Ö': The "doing schema" refers to when one entity is seen as the source of the "energy" that is developed, and thus instigating the action.
- \$\vec{U}_2\$ In particular, an "agent" is causing the action deliberately (whereas it is "just" occurring in the happening schema).
 - eg "Logendera eats"

EXPERIENCING SCHEMA

- B The "experiencing schema" describes the mental processing of the contact with the world.
- - eg "Bernice sees a snake"
 - "He thinks he can swim"
 - "He wants to pick the apple up"
 - subject NP- experience object' NP- patient

HAVING SCHEMA

- B. The "having schema" relates
 - a human possessor to a possessed object;
 - eg Doreen has a nice house
 - an affected entity to the cause of affection;
 - eg John has very bad flu
 - (3) a whole to its parts; or eg this table has 3 legs
 - (1) one family member to another.
 - eg she has one sister
 - subject NP- possessor object NP- patient

MOVING SCHEMA

- "" The "moving schema" is a combination
 - of the happening or doing schema with the places where the action
 - () starts (source);
 - @ passes by (path); &
 - 3 goes to (goal).
 - eg the apple feil from the tree to the grass
 - I climbed from my room, up the ladder patient source path

TRANSFERRING SCHEMA

- B: The "transferring schema" combines
 - O the having schema;
 - (2) the happening/doing schema; &
 - 3 the moving schema.
- B2 It contains 2 states:
 - O an initial state where one participant has something & passes it on to another participant; &
 - 3 a resultant state where the second participant has the thing passed on.
 - eg "Janice gave Lynn a birthday cake"

SEMANTIC ROLES : SUMMARY

Role	Definition
Agent	The entity that performs the action
Experiencer	The entity that experiences the state
Stimulus	The object creating or sponsoring an experience
Patient	The entity undergoing the action
Theme	The entity undergoing movement
Essive	An existential condition; anything predicated by the (main) verb "to be"
Source	The starting point for a movement
Beneficiary	The entity benefitting in an event
Recipient	The entity receiving an item
Possessor	The entity that is an owner
Goal	The end point for a movement
Path	The 'terrain' over which movement happens
Location	The place an event happens
Instrument	The object used to perform the action

LEXEMES

- Q¹ Lexemes are basic units of meaning in language that can be inflected, or combined with other words to produce different words (phrases. g Types:
 - ⁽¹⁾ <u>Simple</u>: consists of a word that cannot be subdivided into smaller units
 - eg cat, book
 - corresponds to analogy / iconicity
 - 3 "Partially-filled": needs additional morphemes/words
 - to complete its meaning
 - "happi-" (needs "-ness") eg
 - "write-" (needs "-er")
 - corresponds to position, sequence, antithesis, repetition
 - 3 "Complex": consists of multiple morphemes/words
 - combined together to yield a single unit with
 - a specific meaning
 - "Snowflake", "red-hot" - corresponds with identity, repetition, metonymy. ٩٩ metaphor
 - () "Phrasal": combination of words functioning as a single unit with distinct meaning
 - "break down", "take off"
 - corresponds with repetition, similarity. antithesis eg
 - S Partially filled phrasal partially filled, but is
 - a "phrase" instead of morphemes
 - eq "not X let alone Y"
 - corresponds to sequence, scalar, etc
- © <u>Cliché</u> : overused expression that has lost its original
 - meaning due to excessive repetition
 - "piece of cake" eg
 - corresponds with repetition, metonymy. correlation

CAUSED MOTION CONSTRUCTION

- ""," The "caused motion construction" is a pattern in language which describes the causation of a change in the location/state of an object / entity. eg - The audience laughed Bob off the stage - Simhin gave the brief to Marshall B' Pattens: () Subj - Verb - Object - complement
 - Agent Theme Source / Path / Goal

THE WAY CONSTRUCTION



EXEMPLAR CLOUDS



STRUCTURAL AMBIGUITY

"G" Sometimes, sentences may be interpreted in different ways from different structural analyses.



Chapter 5: **Phonetics** ARTICULATION: SPECTRUM THE ONE/MANY PROBLEM "B" We can group phonetic categories based The "one/many problem" refers to the on their articulation on a spectrum; difficulty in mapping different speech sounds produced onto a limited set of phonetic consonants vowels categories. eg tough cough plough dough "singing grides/ "chopping" [aw] [o] sounds semi-vowels sounds CN] [0] CONSONANTS : MANNER - "ou" has different sounds depending on more "closed P' Stops' - made by completely the word. airstream blocking the airstream THE MANY/ONE PROBLEM (ie more P Similarly, the "many/one problem" refers to the (voiceless) [t] in "top" "chopped sounds) (voiced) [d] in "dog" challenge of mapping the same phonetic category to multiple phonetic realizations. "Affricates" - made by a stop followed by a fricative at the eg tough buff phone fill obstruents - characterized by same place of articulation (voiceless) [t] as in "church" a constriction in the vocal (voiced) [dz] as in "judge" tract that creates "Fricatives" - made with a very a complete closure CONSONANTS: VOICELESS narrow gap between the of airflow articulators, constricting airflow & VOICED "?" "Voiceless" sounds are those that do not causing friction "sit" (voiceless) [s] as in cause vibrations of vocal cords. "Zip" (voiced) [7] as in ""Nasals" - mode by blocking - if you put your hand over your larger, you won't feel any vibrations the oral airstream, so airflow passes exclusively through the nasal "Voiced" sounds are those that do cause cavity vibrations of vocal cords. (voiced) [m] as in "man", - if you put your hand over your larynx, [n] as in "not", Ey] as in "sing" you will feel vibrations sonorants "Approximants" - articulated with - characterized by little/no friction a relatively open vocal tract that 1 "Laterals" - air flows along results in a more the sides of the tongue resonant sound quality Cie "vowel-[L] as in "let" (ihe) ③ "alides" - unstable versions of vowels "yes" [j] as in [w] as in "we" more "open" ③ "Flaps" - tongue strikes the airstream alveolar ridge once in passing (ie more vocal / resonant [c] as in "butter", "latter", (abnuoz "bottle" (bacl)

(vowels)

ARTICULATION: PLACE



ARTICULATION: VOWELS

gradulateral that displays where the	
the the	
tongue is when you say the	
Sound.	
front central back	
nigh / I U	
\	
mid e ə	
3	
a a d	
- [i] as in "beat" - [u] as in "boot	,
-[c] as in "bit" - [J] as in [-"	
- [e] as in "bait - Loj as in "boue	nt"
- [3] as in ber US us in the	-
- Lag as in Bat - Lac as a our	
- [] as in but	
- [A] as in ord	
Laj as in bain	
DIPHIHONAS	
B' A "diphthong is a sequence of	
2 vowels within a single symbolic	
B2 In other words, the tongue glides	
from one vowel quality to another	
in the same syllable.	
en "bou": $0 \rightarrow i$	
jJ	
cow : a - a	
Care: e > d	
VOWELS: TENSE VS LAN	
"Tense" vowels are characterized by	
a longer duration, and often appear	
in almost sullables.	
in stressed -	
eg [i] as in see	
Lul as in tood	
the "Lax" vowels are characterized by	·
-	
shorter duration and appear in	
shorter duration and appear in unstressed syllables.	
Shorter duration and appear in unstressed syllables. eq [1] as in "sif"	
Shorter duration and appear in unstressed syllables. eg [1] as in "sit" [28] as in "cat"	
Shorter duration and appear in unstressed syllables. eg [c] as in "sit" [de] as in "cat" Vocase: S: ROWND VS UNROUND	
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shorter duration and appear in unstressed syllables: eg [1] as in "sit" [22] as in "cat" VOWELS: ROUND VS UNROUND Gi "Round" vowels are produced with rounded lips. eg [1] as in "food" [7] as in "put" Gi Unround" vowels are produced with neutral/unrounded lips.	
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ASPIRATED CONSONANTS / [C"]

B' "Aspirated consonants" are categorized by the shong burst of breath that accompanies either the release/closure of some obstruents.

ALLOPHONES US PHONEMES

"O" "Allophones" (phones) are different pronunciations or variations of a phoneme that occur in specific phonetic contexts.

(r] (t) [t] [t] [t] allophones

- \widetilde{G}_2' We write phonemes in slashes, & allophones in square brachets. \widetilde{G}_3' Allophones must be "related" to a
- phoneme.
 - eg Ct^h] is an allophone <u>of [t]</u> (in English)
- By Phonemes are not pronounceable.
- By Phonemes are easy to hear, whereas allophones are harder to hear.

MINIMAL PAIRS

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- "Minimal poirs" are pairs of words that are identical in all respects except for the sounds in question.
 - eg pill, till, kill, bill, etc ..
 - lip, lit, lib, ...

COMPLEMENTARY DISTRIBUTION

- "Of We say two sounds are in "complementary distribution" when one allophone occurs exclusively in one environment/contexts whilst another occurs exclusively in another.
- eg aspirated & unaspirated voiceless stops - former in syllable-initial position before
 - stressed vowel (top)
 - latter in Syllable-initial [5] (Stop)

ALLOPHONIC PATTERNS

- "Allophonic patterns" are the same alterations with classes of related sounds.
 - eg [p^hIR] [t^hIR] [h^hIR]

PHONOLOGICAL RULES

- "G" "Phonological rules" are expressions in a formal notation for describing such ..., alterations.
- P2 Format:

 $X \rightarrow Y / condition$

This means X "converts" or "takes" the property Y if it occurs according

- to the condition.
- B' Syntax:
 - V vowel C - consenent X - - succeeds X - Y - precedes Y or - symbel boundary # - word boundary # - word boundary [+X] - characteristic of a with trait X & without trait Y
 - eg (+stop) → +aspirated / σ____ S (in English) if we encounter a voiceless stop, then it will be aspirated if it succeeds a symbol.
 - eg (+stop) -> release / ___ # Ly if we encounter a voiders stop. then it will be unreleased if it precedes a word boundary.

ENGLISH JOWEL ALLOPHONES

G Idea:	The vowel	phoneme	/V/	has
0 <u>LV:</u>] (⇒ <mark>/ _</mark> ·	+ voice	(lengthen	ed)
- + 0	syllabic	+ nasal	Inasaliza	5)
- +	syllabic, t	long		

- 3 [v] <=> / elsewhere (regular)
 - +syllabic, + nosal
- ^{eg} [i], [i:], [î:]; [I], [I:], [Î:], etc.

Phonological rules:

[+syllabic] →	[+long] /	[+ voice]
[+syllabic] →	[+nasal] /	[t nasal]

- vowel phonemes tend to be lengthened if they precede a voiced syllable.
- vowel phonemes tend to be nasalized if they precede a nasalized syllable.

MORPHOPHONOLOGY

```
& Idea: Phonological processes extend
   to morphology.
 ASSIMILATION
"" Assimilation" is a process where
    one sound causes an adjocent
    sound to be "more similar" to
    itself.
B Types:
    O Progressive: sound influences following
       sound
            alternative pronunciations of the plural
       eg
            morpheme 2-s};
            {-S} → [-voiced] / [-voiced]
            eg cats (kæts)
                dogs (dog Z)
    (2) <u>Retrogressive</u>: sound influences preceding
       sound
            news (njuz)
       ٩٩
            newspaper (njuspeipa)
   3 Place: place of articulation
      of a consonant spreads to a neighboring
      consonant
           unbelievable {-unf -> ( >m )
      ٩٩
            ly bilabial
            unconscious i-uni -> (27)
             4 velar
           unfavorable ¿-un}→ (∂m)
  (1) Nasal: one segment takes on nasality
     of neighboring segment
         vowels often nasalise before a nasal
      eq
           consonant
```

Chapter 6: Semantics

LEXICAL MEANING

- B' We can split meaning into
 - O <u>Denotation</u>: the literal meaning of the concept; &
 - Connotation: the emotional resonance a word has that might be hidden; the implied meaning of a concept.

DENOTATION : EXTENSION VS INTENSION

- "Q" The "extension" refers to the actual entities that a word applies to eq "PM of Canada" : Justin Trudeau
- B' The "intension" refers to the inherent
 or conceptual meaning of a word.
 eg "PM of Canada": leader of Canada

PROPOSITIONS

- $\ddot{\mathcal{B}}_1'$ The "proposition" refers to the meaning/content conveyed by a sentence.
- B2 In particular, the proposition is often a
- statement/assertion that has a specific semantic interpretation that is either true or false.
- B' often, different sentences may convey the same proposition. "The cat is on the mat
 - eg "the cot is on . the mat"

Cproposition)

(sentence)

"on the mat, is the cot"

"the feline referenced is on

the referenced mat"

etc

- Qⁱ/₄ We can use logic notation to formulate propositions.

ENTAILMENT / =)

- "Ğ" "Entailment" is a relation between the propositions X, Y such that if X is true, then Y must be true (ie X⇒Y).
- MUTUAL ENTAILMENT / C=>
- Ø We say X & Y have mutual enhailment if X⇒y & Y⇒X.

FRAME SEMANTICS

- G^{*} Idea: we organize word meanings into "frames", which consist of a set of interconnected concepts linked by different "inheritance" relationships.
- Properties:
 - () Encyclopedic;
 - Lexically based;
 - 3 Networked.

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Q' This allows us to relate words with different traits using an "inheritance structure".

LINGUISTIC RELATIVITY / WHORFIAN HYPOTHESIS

- Bi Idea: the language we use influences the way we think and perceive the world.
- g' Versions:
 - O Strong: Language determines thought & can fundamentally shape & limit an individual's cognitive processes
 - (2) Weak: language influences thought & perception, but does not entirely determine it-

SEMANTIC PRIMES

- ""Semantic primes" are a set of semantic concepts that are arguably understood innately by all people but impossible to express in simpler terms.
- \ddot{Q}_2' These often map to event schemata.

Chapter 7: Pragmatics

- "O", "Pragmatics" deals with the study of language in context & how meaning is interpreted in communication.
- 0, In particular, it examines
 - 1) the "appropriateness" of language: &
 - ③ requires context (whereas semantics does not).

INTERPERSONAL VS IDEATIONAL FUNCTIONS

- B' The "interpersonal function" is concerned with expressing attitudes, feelings & social roles in communication, and aims to convey the speaker's intentions.
- B' The <u>identional function</u> is concerned with communicating content, knowledge & experiences, and aims to share how we understand the world around us.
- B' The interpersonal function is used in pragmatics, whereas the identional function is used in semantics.

PHATIC COMMUNION

- O "Phatic communion" are utterances whose chief function is to establish/maintain contact.
 - eg "hi", "how are you", "nice weather", etc

SPEECH ACTS

- Bi "Speech acts" are the actions performed by speakers when using language to convey meaning & achieve various communicative intensions.
- B' components:
 - 1) "Locution literal meaning / denotation of
 - the atterance eg "it's cold in here" Cy"the temperature of the room is low"
 - Illocution intended communicative function of the atterance
 - eg "can you pass the solt"
 - by "they are making a request for someone to pass the rait"
 - ③ "Perlocution" the effect or impact an utterance has on the listener/recipient of the speech act
 - eg "I am sorny to hear that" Is might involve sympathy/gratifude

CATEGORIES OF SPEECH ACTS

S' Categories:

- O "Constitutive" ritualized social circumstances
 - thank someone when something has been
 - exchanged - "expressive" thanking, praising, etc
 - declarative : naming, marrying, etc
 - ② "Informative" communicate / request

information - assert facts / question truth of facto

- "assertive": asserting, stating, etc
- "info questions": asking
- 3 "Obligative" commit self / solicit others
 - to do a task
 - offer assistance / ask for a favor
 - directive : requesting ordering, etc
 - "commissive": promising, offering, etc

FELICITY CONDITIONS

- Bi "Felicity conditions" are essential requirements that must be met for a speech act to be considered successful / appropriate.
- ie appropriate intentions / circumstances / actions
- 8 Categories
 - ① "Essential": S says the right words - S + H understand the utterance to
 - be performative of the given act
 - "Sincerity": S means what they say 0
 - StH understand the utterance to represent intentions SS
 - "Social & ontological": S is able to perform 3
 - the act
 - S& H understand the utterance to signal or confirm S's rapacity to
 - perform the act

ADJACENCY PAIRS

- g" "Adjacency pairs" are pairs of related
 - utterances where the second utterance
 - expected follow-up / response is usually the
 - to the first.
 - eg greeting -greeting
 - question answer
 - offer acceptance / rejection
 - etc