

MARCH 10, 2023

HUMAN LANGUAGE IS NATURALLY REDUNDANT.
THIS ALLOWS CONVERSATIONS W/O
PAUSES. ONE PERSON(A) TALKS & THE
OTHER LISTENS. THERE IS A SLOWING
DOWN AS PERSON A GETS TO END OF
SENTENCE / THOUGHT & ~~BE~~ BY THEN
THE LISTENER ALREADY KNOWS WHAT
PERSON A IS GOING TO SAY.

THIS ALLOWS PERSON B TO
SPEAK IMMEDIATELY W/O PAUSING.

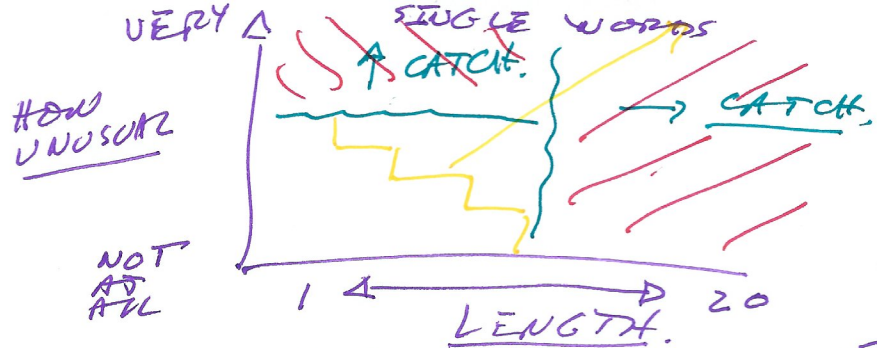
PERSON B ALREADY HAS A GOOD
IDEA: ~~1.~~ 1. WHAT A IS GOING TO
SAY, AND

2. THAT ~~THE~~ A IS READY
TO FINISH THE THOUGHT.

AS PART OF THIS, AND AS A
WAY OF COMPRESSING COMMUNICATION
WORDS LIKE "TO", "BE", "at", "we",
"you", "I", "of", "by", "my", "are" are very short.
OTHERS: the,

SHORT WORDS ARE ~~NOT~~ NO TROUBLE FOR
THOSE WHO DO CAPTIONING & SIGN LANGUAGE -
THEY ARE TRANSLATED AUTOMATICALLY. SO
WE WANT TO ADD A BIAS TO THE WORDS TO
PREFER: ① UNUSUAL WORDS, AND
② LONGER WORDS.
MAKE SORT KEY = WORD FREQ. * 100 } SORT
+ WORD LENGTH. } DOWN.

SO
WORD LENGTH:



- WANT TO "CATCH" SINGLE WORDS LIKE: MAHAZANOBIS, REGULARIZATION.
- WANT TO "CATCH" MULTI-WORDS LIKE CENTER-OF-MASS, COMMON-BASIS-OF-COMPAR

→ WILL NEED DIFFERENT RULES FOR SINGLE WORDS, DOUBLES, TRIPPLES, & QUADS.

QUESTION: HOW CAN THE PARTS OF SPEECH HELP US??

"big" IS NOISE, BUT THE ADJECTIVE "linear" IS HELPFUL.

LONG WORDS

Pneumonoultramicroscopic -
silicovolcanocariosis.

supercalifragilisticexpialidocious

antidisestablishmentarianism.

Floccinaucinihilipilification -
(ASSESSING SOMETHING AS WORTHLESS)
pseudopseudohypoparathyroidism.

NATPD - NEONATAL ALL OIMMUNE
~~NEONATAL ALO-IMMUNE~~ - hypo THROMBOCYTOPENIA
NATP OR NAITP.

incomprehensibilities.

psychoneuroimmunology
→ nerves impact health & the immune
system.

hippotamons troseguipped alioophobia.