$$7\sqrt{PV} + EV$$

$$\frac{PV + EV}{PV} > \frac{\tau_c + \epsilon_v}{\tau_c}$$

$$(\Rightarrow) (PV + EV) - \tau_c > PV (\tau_c + \epsilon_v)$$

$$(\Rightarrow) PV + \epsilon_v + \epsilon$$

both we natural anaptions also assured here: 90 > PT &

[deaccented "has" is a are for competito]

(=) Tg Ex PV - Tg PV2 - Tg PVP~

· ohay, it is dow that any pries for as for Sq will pull dose (4) towards by i show that, by new libelihood, the same result is expected; so set: Ex=0

$$\frac{PV}{PV+9V} > \frac{-9\bar{v}}{P\bar{v}+9\bar{v}}$$

$$\Rightarrow \frac{PV}{9V} \Rightarrow \frac{9V}{PV}$$

Vishen inadequate or

Computational Pragmatics

Non-literal interpretation (chapter III of problang.org)

Sessions 6+7

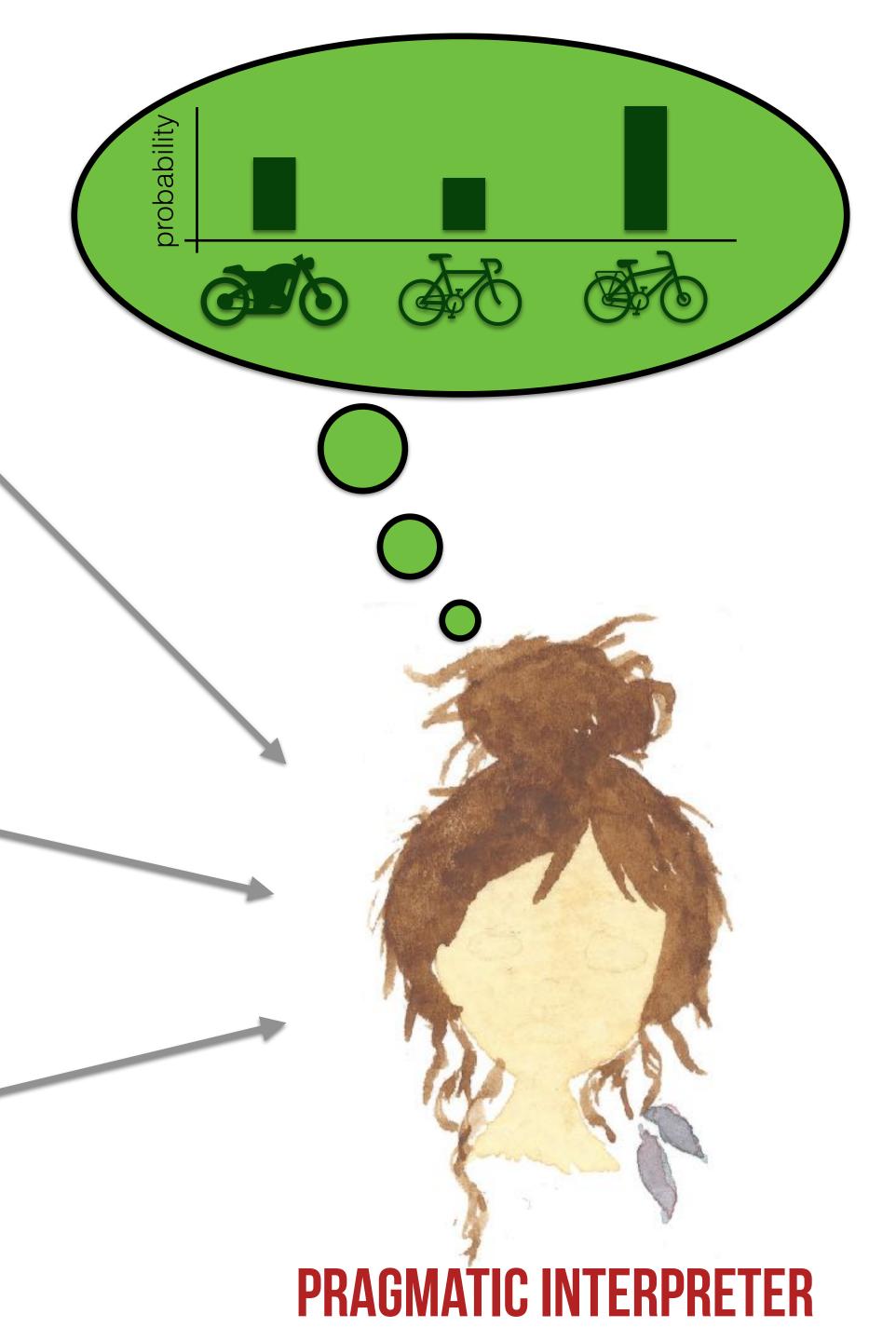
maybe assure that: If = Tc+Er with 0 = Ex small & PV+EV=9V 19ith 068-68=



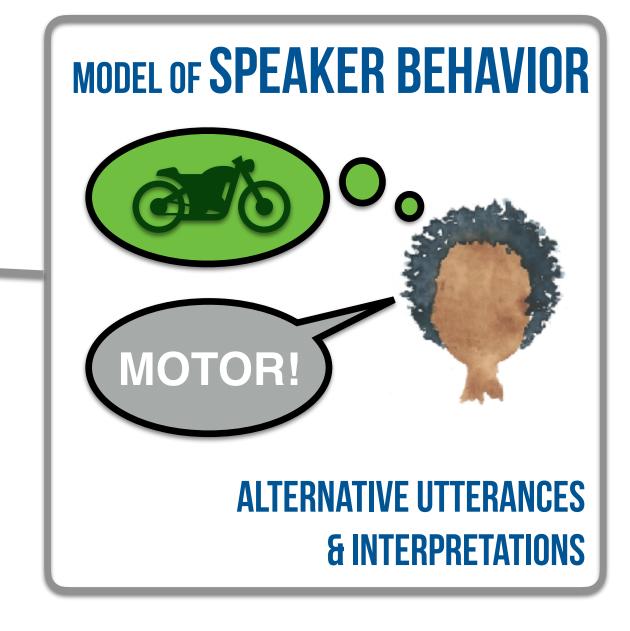
KNOWLEDGE OF LANGUAGE











Rational Speech Act model



STRATEGIC DEPTH 0



$$P_{lit}(s \mid u) = P(s \mid [[u]])$$

severe truth-abidance

speakers never chose false utterances

listeners completely rule out literally false interpretations



GRICEAN SPEAKER

STRATEGIC DEPTH 1



$$P_{S}(u \mid s) \propto \exp\left(\alpha \left(\log P_{lit}(s \mid u) - C(u)\right)\right)$$



GRICEAN INTERPRETATION

STRATEGIC DEPTH 2

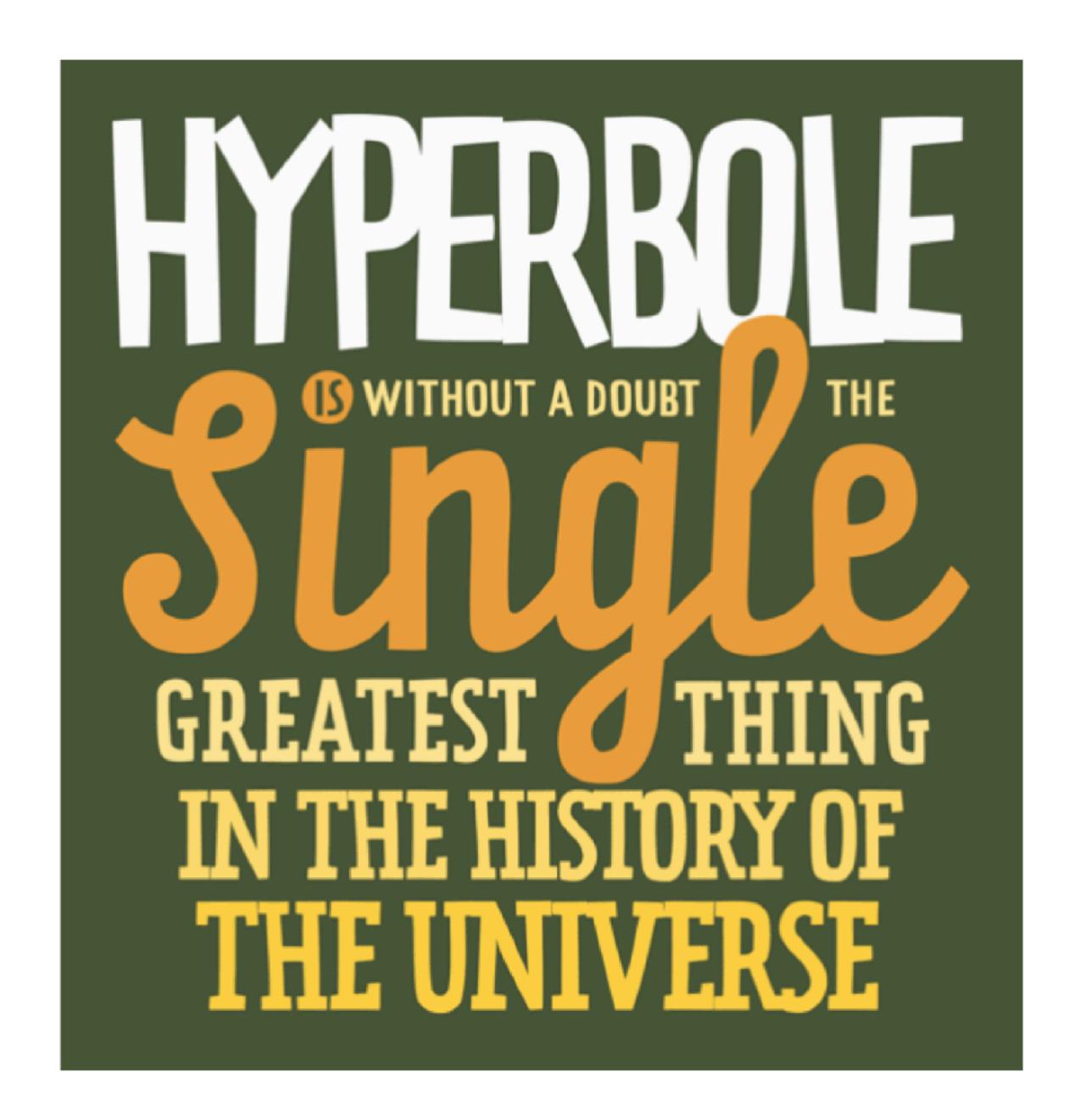


$$P_L(s \mid u) \propto P(s) P_S(u \mid s)$$

non-literal interpretation

Hyperbole

the use of exaggeration to create emphasis or convey strong emotional feeling



Loose talk

allowable imprecision in the use of (literally) precise expressions

failure of the metric system

Why did the metric system not catch on [in the US]? There are many reasons. But one that cannot be taken lightly is that certain well-intended public relation attempts intended to familiarize the American people with the metric system just did not work. Since the Metric Conversion Act, road distances in National Parks are often given in miles and kilometers. And since then, travelers encounter signs like the following one:

Eagle Pass

7 miles

11.265 km

It is not hard to see why road signs like [this] suggest that the metric system is something for intellectuals, or "rocket scientists", far too unwieldy for everyday purposes.

Krifka (2002)

joint inference of state & affect



KNOWLEDGE OF LANGUAGE



