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**From:** jeffrey E. <jeevacation@gmail.com>  
**Sent:** Sunday, August 2, 2015 3:05 PM  
**To:** Noam Chomsky  
**Subject:** Re: Re:

im glad for you

On Sun, Aug 2, 2015 at 11:03 AM, Noam Chomsky [REDACTED] wrote:

And I soon will. At American airlines= She's on her way back from Brazil.

These are amazing capacities. Not sur= how well they are understood.

From: jeffrey E. [mailto:jeevacation@gmail.com]  
Sent: Sunday, August 02, 2015 10:02 AM  
To: Noam Chomsky [REDACTED]  
Subject: Re: Re:

you can recognize valerias face in a crowd, and =A0 know its her voice immediately on the phone. I'm not su=e if analysis as opposed to shape recognition ( distance time function) fo= the face and fourier transform for voice. is rightly considered analysis and parsing. I don't think so on another note =A0 ,using your right eye and then your left try to focus for = moment on Valeria's right eye and then focus on her left.while =ou are talking to her, . see if you get different info. =C2 the expression "the eyes are the windows of the soul ", might be=wrong, it might only be one eye,:)

On Sun, Aug 2, 2015 at 9:40 AM, Noam Chomsky [REDACTED] wrote:

The idea of interpreting sensory syst=ms as involving both input and output, and hence presumably accessing a central system of competence (as distinct from the input-output performa=ce systems) is a very interesting one, particularly the hints about eyes.=C2 I don't see quite how it works, but worth pursuing and think=ng about.

Very few people I can think of, but w=ll think more.

What sensory systems provide to the brain is always interpreted by internal systems, memory included, and the sensory systems themselves carry out analysis. There =99s a good deal of detailed work on this, mainly for sound and vision. =AO Turns out, for example, that chimp auditory system yields something ver= close to the physical features that enter into the phonological systems of human language, but lacking the internal interpret=tion, for the apes it's noise while for the newborn infant it =80 s language.

From: jeffrey E. [mailto:[jeevacation@gmail.com](mailto:jeevacation@gmail.com)]  
Sent: Saturday, August 01, 2015 7:33 PM  
To: Noam Chomsky [REDACTED]  
Subject: Re: Re:

is a first step to get a group together of people th=t might add useful insights. . people you respect . though you=might disagree. maybe we pose the question to the group. =C2 re eyes, it seems that each sense should have both a transmitter and=receiver, . scent. smell., hearing voice. , touch moveme=t, sight -? , I think the eyes transmit info. =AO my work on placebo showed video did not work, no explanation, =AO interrogators. use eyes to gauge truthfulness. ( But these are all cognitive interpretati=ns of the (internal) output of the visual system. , -- not sure what input=is not- a cognitive interpretation.? why I like the musi= work is that our brain must first deconstruct the chords. Fourier transform , or something like, it. then have a m=mory to know whether the next two or three notes follow grammatically from=the past few.

On Sat, Aug 1, 2015 at 6:30 PM, Noam Chomsky [REDACTED] w=ote:

Been on the road all day from the Cap= to Cambridge. Along with every other car in Mass.

Glad you liked the paper. Since=Leonard Bernstein's Charles Eliot Norton lectures at Harvard about 40 years ago there has been interesting work seeking structural similariti=s between language and at least some musical traditions, mostly western to=al. You might want to have a look. One of those doing the best=work is my colleague David Pesetsky, a fine linguist and excellent musician.

You're right that "re=ding the eyes" is a complex and fascinating topic, even extrapolat=ng gaze, the way infants do but probably not other animals. And famously, staring=into someone's eyes is far from neutral: either serious threat or =eal intimacy. But these are all cognitive interpretations of the (in=ernal) output of the visual system.

It could be argued that the computati=ns involved in determining what we see are a central system, not just part of a processing system. Hard to see how to pose that a= a real empirical issue that can be tested.

From: jeffrey E. [mailto:jeevacation@gmail.com]  
Sent: Saturday, August 01, 2015 9:18 AM  
To: Noam Chomsky <[REDACTED]<mailto:[REDACTED]>  
Subject: Re: Re:

"processing" -my use of sloppy language=C2 , sorry, thanks for the great paper. =C2 music and its" understanding" , might be a clo=er representation to expressing a formalism that might help describe the events. it is not an either=, or , it is a superposition of melody, prosody, harmony, within cer=ain bounds that differentiate it from noise.

fyi, in the paper it says the vis=on system is only input, .not sure that is correct. reading t=e eyes might have more to it than previously thought.

On Sat, Aug 1, 2015 at 6:54 AM, Noam Chomsky <[REDACTED]> wrote:

There is a view that language is esse=tially a processing system. The arguments against it seem to me very power. I'll attach a recent paper about it, a =ontribution to a volume of essays dedicated to Jerry Fodor and focusing on=his conception of language as processing (input modules). His =ersion is far more sophisticated than the signal processing approaches that were all the rage in the 1950s, drawing from the successes=of wartime technology in signal analysis and Shannon's information=theory.

Noam

From: jeffrey E. [mailto:jeevacation@gmail.com]  
Sent: Saturday, August 01, 2015 7:34 AM  
To: Noam Chomsky <[REDACTED]>  
Subject: Re: Re:

can it be thought of as no more than signal processi=g. why not use the same technology that attempts to intercept commun=cations and decode the signals and apply it to language. =C2 normally one tries to process the signals. i wonder if they put it i= reverse. and processed the language in an attempt to find coherence=???

On Fri, Jul 31, 2015 at 6:58 PM, Noam Chomsky <[REDACTED]>  
> =rote:

There is a notion of coherence in bot= cases, but how to unify them, or whether it's possible, I don =80 t really see.

From: jeffrey E. [mailto:jeevacation@gmail.com]  
Sent: Friday, July 31, 2015 1:33 PM  
To: Noam Chomsky [REDACTED]  
Subject: Re:

what i have been calling my sense making module. .=C2 visual sense, is the image coherent. / ? =A0 why dont you ask your young friends what they think the cho=sky questions should be. I will provide the reward

[REDACTED] On Fri, Jul 31, 2015 at 1:21 PM, Noam Chomsky [REDACTED]

[REDACTED] >=rote:

Marr's group, as you know, st=died edges, rigidity, etc. Those particular phenomena don't =eem relevant to language, except indirectly (as Marr and I in fact discussed often): th=re must be built-in systems that enter into language processing (including=determining grammatical status -- "legitimacy" =80 one property among many). That's what work on UG shoul= be about.

Noam

From: jeffrey E. [mailto:jeevacation@gmail.com]  
Sent: Friday, July 31, 2015 12:59 PM  
To: Noam Chomsky [REDACTED]  
Subject: [REDACTED]

I hope you have fun at the institute. I =m in santa fe. . you and i have discussed vi=ion and edges etc rigidity etc. auto focus on a ca=era looks for the most contrast . is there an equivalent . first step to intuit whether = sentence is legitimate ?

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please no=

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