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Sent: Sunday, July 10, 2016 12:47 PM
To: Noam Chomsky

happy to provide some carnegie deli sustenance for t=ought.

today I conducted an expe=iment encouraged by Noam's wholly justified aggressive and detai=ed directives to joshcha focused on layers being developed in th= brain . the timing for the development of each layer being di=ferent per species .

I postulate that music might be a frosted window into that structure. symphonies begin with their first "=layer " a theme. in fact , there might be more than one theme in the first layer , =A0 , the second part of symphonic form is the complex development stage= where those themes are inverted, deconstructed , reconstructed =tc ,and the development stage takes the most time . in =the conclusion of the symphonic form the recapitulation of all that has come b=fore it forms a " phenenoma of the piece " a whole ,made up of its smaller concepts . =C2 As opposed to listening to music to record which neuron is firing, as mo=t musciolgists attempt . I propose that the music may be the audible result =f those neurons firing, made possible by a select few who would attempt=20 to notate those neuronal firings. Beethoven f=r example.

The experiment . I mashed all o= the four symphonies together , playing recording= of the 3rd 5th 6th 7th all overlayed on each other, playing at the same time. - the way a brain mig=t develop. I expected an ordered noise but to the surprising cont=ary , IT WAS AMAZING. . you can hear new =A0 "concepts " forming,

il won=er whether in the mind of a blind child , the " music" wou=d be created even without the visual referencial. but created none the less. later when the visual c=n be tied to concepts , the anatomy may be hijacked to produce sounds . that someh=w relate to the concepts. .

I tried to mix mu=ic from different cultures- it didn't work. African =oes not work with western europe,- chinese works with neither of the other two. but within the same cultu=al music (the brain of the local species) the mash ups are=20 beautiful.

I would note=20 that computers engage in "parallel processing" only in orde= to take a hard problem and break it into its component parts , working on each component separately, , here each problem Interacts =and the their resolutions interact in remarkable ways.

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please note=br>

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