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To: Nowak, Martin; Joscha Bach; Joi Ito; Barnaby Marsh

today I conducted an experiment encouraged by No=m's wholly justified aggressive and detailed directives to joscha. . =AO =oshcha focused on layers being developed in the brain . the t=ming for the development of each layer being different per species .=C2

I postulate that music might be a frosted window in=o that structure. symphonies begin with their firs= " layer " a theme. in fact , there might be =ore than one theme in the first layer , , the second part of symphon=c form is the complex development stage. where tho=e themes are inverted, deconstructed , reconstructed etc =AO ,and the development stage takes the most time . in=C2 the conclusion of the symphonic form the recapitulation =f all that has come before it forms a " phenenoma of the piece &qu=t; a whole ,made up of its smaller concepts . As o=posed to listening to music to record which neuron is firing, as mos= musciolgists</=pan> attempt . I propose that the music may be the audible re=ult of those neurons firing, made possible by a select few who would=attempt to notate those neuronal firings. Beethove= for example.

The experiment . I mas=ed all of the four symphonies together , playing =recordings of the 3rd 5th 6th 7th all overlayed on each othe=, playing at the same time. - the way a brain might develop.=C2 I expected an ordered noise but to the surprising contrary ,=C2 IT WAS AMAZING. . you can hear =ew "concepts " forming,

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il wonder whether in the mind of a blind child , the " music" =AO would be created even without the visual referencial. but created no=e the less. later when the visual can be tied to c=ncepts , the anatomy may be hijacked to produce sounds . that someho= relate to the concepts. .

I tried to mix m=sic from different cultures- it didn't work. African=does not work with western europe,- chinese works with neither of the other two. =but within the same cultural music (the brain of the local sp=cies) the mash ups are beautiful.

I would note that computers engage i= "parallel processing" only in order to take a hard =roblem and break it into its component parts , working on each component s=parately, , here each problem Interacts and the th=ir resolutions interact in remarkable ways.

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=C2 please note

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