

Re: The Big Bang is not the Beginning of Time.....The latest non-linear cosmology.

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From: glbrad01 (glbrad01_at_insightbb.com)

Date: 10/14/04

Date: Thu, 14 Oct 2004 12:51:20 GMT

"Jonathan" <jon@home.com> wrote in message news:416c78c4\$1_1@127.0.0.1...

>

> "glbrad01" <glbrad01@insightbb.com> wrote in message

> news:OKPad.226268\$MQ5.137498@attbi_s52...

>>

>> "Jonathan" <jon@home.com> wrote in message news:416b2361\$1_3@127.0.0.1...

>> >

>> >>

>> >> "Jonathan" <jon@home.com> wrote in message

>> >> news:416a4d7a_1@127.0.0.1...

>> >> >

>> >> > "glbrad01" <glbrad01@insightbb.com> wrote in message

>> >> > news:7bnad.447837\$8_6.124560@attbi_s04...

>> >> >>

>> >> >

>> >

>> >

>> >> > *The opposite is true, the world is beginning to look like us.*

>> >> >

>> >>

>> >> *We are no longer looking like us. We are "Balkanizing" along every*

>> >> *fault*

>> >> *line. So, however contradictory it may seem, yours is also a true*

>> >> *statement*

>> >> *of the situation.*

>> >

>> >

>> > *I see this as a good thing. It's the artificial walls between*

>> > *cultures/countries that are the source of conflict.*

>> >

>>

>> *Interesting. What do consider an artificial wall between cultures? Or*

>> *religions, or that matter? Or philosophies? Or differences in laws? Or*

>> *differences in individual humans? I consider the walls between cultures*

class="quotelev1">>> >> > the mathematics of evolution and its tendencies, you

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>> >> > *don't understand reality or our future probable*
>> >> > *state.*
>> >> >
>> >>
>> >> *I've answered this above in two arenas, but those answers apply.*
>> >>
>> >> >
>> >> > *An Introduction to Complex Systems*
>> >> > *Torsten Reil, Department of Zoology, University of Oxford*
>> >> > <http://users.ox.ac.uk/~quee0818/complexity/complexity.html>
>> >> >
>> >> > *"Research therefore focused on NK Models in the complex*
>> >> > *2egime, with K=2 (and more finely tuned using the p parameter).*
>> >> > *The fitness landscapes of these networks are somewhere in*
>> >> > *between the fully random one, and the "Fujijama" landscape.*
>> >> > *There is an intermediate number of fitness peaks – and these*
>> >> > *were found to have very interesting properties: "*
>> >> >
>> >> > *"First, the highest peaks are close to another, they form a*
>> >> > *cluster on the fitness landscape: "*
>> >> >
>> >> > *"Explanation*
>> >> > *The reason for this phenomenon is not known yet."*
>> >> >
>> >> > *"Nor is that for another feature: the highest peaks form the largest*
>> >> > *basins of attraction. In other words, if you start on some random*
>> >> > *point in the fitness landscape, you are more likely to walk up one*
>> >> > *of the highest peaks than a lower one."*
>> >> >
>> >> > *"As just mentioned, these phenomena have so far defied mathematical*
>> >> > *analysis, however they have many potential implications for real*
>> >> > *evolution: Kauffman suggest that these results apply to biological*
>> >> > *networks as well. If this was true, then there is some order in real*
>> >> > *fitness landscapes that was not anticipated by biologists. Organisms*
>> >> > *may be attracted to the highest fitness peaks more likely than to*
>> >> > *low ones, because a) they provide the largest attractor basins,*
>> >> > *and b) they are located close together. Evolutionary biologists*
>> >> > *have started to become interested in this idea, for it may provide*
>> >> > *insights as to why animals seemingly evolve efficiently to high*
>> >> > *g*