

Re: A FUNDAMENTAL ISSUE

Source: <http://sci.tech-archive.net/Archive/sci.bio.evolution/2005-09/msg00465.html>

- *From:* "g" <gillawton@xxxxxxxxxxxxxx>
 - *Date:* Thu, 22 Sep 2005 17:25:07 -0400 (EDT)
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"John Edser" <edser@xxxxxxxxxx> wrote in message
[news:dgst1c\\$t88\\$1@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:dgst1c$t88$1@xxxxxxxxxxxxxxxxxxxxxxxx)

>

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> "g" gillawton@xxxxxxxxxxxxxx wrote:

>>snip<

>>>From first quick reading, I sense you have an aversion to mathematical
>>models and computer simulations.

>

> JE:–

> No, just an adverse reaction to their chronic misuse. I have employed pure

> mathematics, e.g. set theory to illustrate that reversible intersecting

> sets

> are not empirically the same as nested sets where set nesting reversal can

> reverse cause and effect EMPIRICALLY. I can prove using a mathematical

> model

> that when you allow gene fitness epistasis into Hamilton's Rule it fails

> entirely.

John,

I am thrilled to learn that you respect the wise and PRUDENT of digital algorithms, and share you concern over their over-use. My knowledge is virtually nil, compared to yours. But I do read profusely, and because I CARE about such things as this — enormously.

Somewhere in my reading I have come across mention that at least one researcher is, even now, working on a model that is 3-D and would take far too long to run on any single computer on the market so far. The author (researcher) indicated he has direct knowledge of at least one computer design which could do the job, and ALSO is capable of being mass-produced at a price at which there would be sufficient demand to reach (what I jokingly will call here) critical buyer mass. (A computer that costs so much that only a few universities and mega-corporations might be able to afford it, would sell at a far higher cost per unit, if only a few were made; whereas, if the price can be brought to a sufficiently low level, without loss of speed, a sufficient number could be produced and sold to serve as a large mass-buyer-denominator over which to place tooling and other costs.)

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Probably you know, offhand, how awfully much more processing speed and Ram are necessary for adding the third dimension to any algorithm. All I know (from many coincidental sources read for pleasure, only) is that the leap is a large one — perhaps exponentially so.

g

> Regards,
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> John Edser
> Independent Researcher
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> edser@xxxxxxxxxx
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• **References:**

◆ **Re: A FUNDAMENTAL ISSUE**

◇ *From:* John Edser

- Prev by Date: **Re: Most important paper in evolutionary biology**
- Next by Date: **Re: A fully developed creature can evolve?**
- Previous by thread: **Re: A FUNDAMENTAL ISSUE**
- Next by thread: **Re: A FUNDAMENTAL ISSUE**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**