

# Re: Independent/Dependent Phases

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Let's look at the two important accelerations, Inflation and the 5–6 million years ago acceleration, from the viewpoint of what we ourselves are looking for. If this seems like a "reverse anthropic principle" of anthropomorphizing the Universe, perhaps we'll learn something from it.

What if the Inflationary acceleration was the Universe's "discovery of Geometry", while the 5–6 million year ago (or 3.7 or more according to other versions) was the Universe's "discovery of Causation"?

Remember that Inflation "outran Causation" in at least the Einsteinian light speed sense, though it is arguable that this sense is only one of many different meanings or partial meanings. Since the biggest problem other than

Causation/Noncausation/Independence/Dependence/Random/Nonrandom was arguably Geometry (since the previous postings of this thread), could this same order of problem-solving in some less teleological sense have occurred for the Universe as a Quasi-Life or Partial-Life entity?

If this occurred, then the Universe may have solved the problem literally by changing from negative Gaussian Curvature to positive Gaussian Curvature via the ball/sphere in the latter case. Could the Universe's previous "Acceleration" have actually been an acceleration into negative Gaussian Curvature? Remember from the Gauss–Bonnet Theorem or later the Chern–Einstein–Cartan–Gauss–Bonnet Theorem, that with more negative curvature come arguably more holes or handles. "Non-causation" or less Causation could arguably be either equivalent or analogous to more holes.

If the Universe did solve the Causation problem or the problem of increasing Causation, then it is arguable that everywhere in the Universe the conditions around 5–6 billion years ago or 3.7+ billion years ago (+/- a smaller amount) for Life as a more developed Causation (though more Nonmaterially than Materially, I would guess) were beginning. Only in the last few million years have human beings and similar mammals arisen.

So perhaps we can try to take the path from spheres/balls to

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acceleration of expansion to Probable Causation to Independence/Dependence/Random/Nonrandom. If we're lucky, we'll solve them all. Otherwise, perhaps the Universe will again be ahead of us with another acceleration into the Unknown.

Osher Doctorow

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- ***Follow-Ups:***

- ◆ ***Re: Independent/Dependent Phases***

◇ *From:* OsherD

- ***References:***

- ◆ ***Independent/Dependent Phases***

◇ *From:* OsherD

- ◆ ***Re: Independent/Dependent Phases***

◇ *From:* OsherD

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