

In Medias Res

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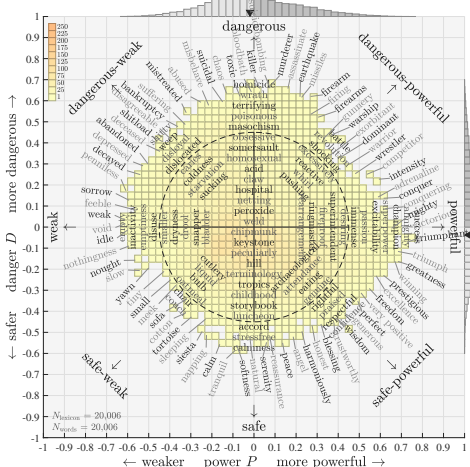
Principles of Complex Systems, Vols. 1, 2, & 3D
CSYS/MATH 6701, 6713, & a pretend number, 2024–2025

Prof. Peter Sheridan Dodds

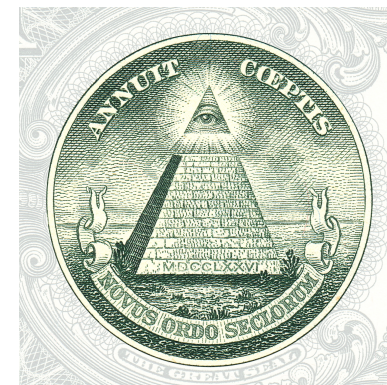
Computational Story Lab | Vermont Complex Systems Center
Santa Fe Institute | University of Vermont

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~ power-danger oustrogram for the NRC VAD lexicon ~



The Pyramid knows what you did.



Mass surveillance by story.

Outline

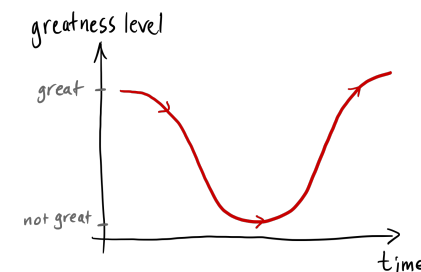
Previously on the PoCSverse ...

References

Some other things that were proclaimed:

- Complexity—everything—starts with gravity.
- The advent of life is the advent of algorithms.
- The advent of meaning making leads to complexification.
- Evolution is the ratchet of complexity.
- Stories ~ Characters + Time.
- Large majorities of people in groups of all sizes can be harmoniously wrong.
- Large social groups are
 1. pyramid schemes
 - or
 2. fandoms
 - or
 3. both

Stories really matter:



What we learned in PoCS Vols. 1 and 2:

- The statistics of surprise.
- The everywhere-ness of the rich-getting-richer mechanism.
- How systems expectedly unexpectedly fall apart.
- Non-universal universality.
- How things spread.
- Why COVID-19 was predictably unpredictable.
- Why COVID-19 really was a conspiracy.
- Fate does not exist, only the story of fate.
- How to become famous.
- How to measure happiness with lexical calculus.
- Groups, groups, groups, groups. And pyramids.
- How it's all about stories: Characters and plots.
- The true compass of essential meaning.

What do the following all have in common?

- Astrology.
- The Navier-Stokes equations.
- The law of gravitation.
- Evolution.
- Jane Austen.
- Politicians.
- Test cricket.
- Proverbs.

They are all storytellers.

- Scripting the past, the present, the future.
- What is, what could be, what should not be.
- From deterministic to probabilistic.

247 days earlier in the PoCSverse
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References I

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