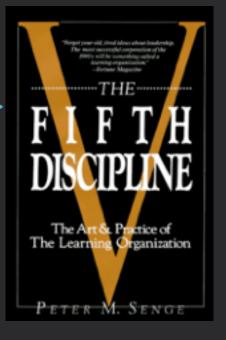
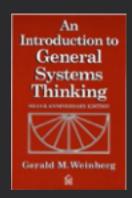
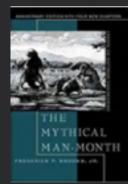
Laws of Systems Thinking

- 1. Today's problems come from yesterday's 'solutions.'
- 2. The harder you push, the harder the system pushes back.
- 3. Behavior will grow worse before it grows better.
- 4. The easy way out usually leads back in.
- 5. The cure can be worse than the disease.
- 6. Faster is slower.
- 7. Cause and effect are not closely related in time and space.
- 8. Small changes can produce big results...but the areas of highest leverage are often the least obvious.
- 9. You can have your cake and eat it too—but not all at once.
- 10.Dividing an elephant in half does not produce two small elephants.
- 11. There is no blame.







Weinberg-Brooks' Law: More software projects have gone awry from management's taking action based on *incorrect system models* than for all other causes combined.

Causation Fallacy: Every effect has a cause... and we can tell which is which



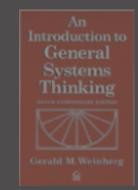
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3. Behavior will grow worse bed Level Up Games - Core Tenets

- Whole feature team
- Prioritize learning
- Avoid local optimization watch the baton, not the runner
- Understand system forces and how they impact you (this is not about developer productivity)





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