

Internal probability valuations

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AGI 2020

Outline

1 Introduction

2 Structures

3 Conclusion

Talking about the fabric of the universe

What sort of thing is the universe?

- Is it describable?
- Is it studyable?
- Can there be a hard science of thinking about what it could be?

A hard science requires math. Is there math for the discussion?

Characteristics of a weaver

What sort of math would you need to talk about what the world was made of?

- How about the math of space?
- How about the math of more and less, bigger and smaller, hierarchy?

How would you talk about the events and the themes of interest?

- Would you talk about time and how things behave in it?
- Would you talk about information and how people use it?
- Would you talk about the price of corn?

Maybe we'd talk about patterns we see and imagine.

So what are patterns?

The fabric encodes patterns

Imagine there is a fabric of the universe where the patterns live.

- What language would you use to describe it?
- If you were listening to the shaman speak, in what language would you record her words?

For me the answer is completely obvious. Category theory.

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What is this?



What is this?

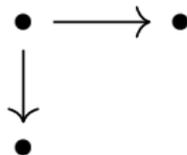


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Summary

Questions and comments are welcome. Thanks!