

I have memorized the number π to ten thousand digits. My work is about the cognitive and philosophical significance of reciting the digits from memory.

The cognitive problem of memorizing π is the raw material of my practice. I design games for reciting π that test aspects of numerical cognition and related topics such as mathematical reasoning. I have found digital media an exciting and intuitive means of understanding cognitive processes related to counting, attention, place cells and cognitive maps, and social effects on numerical performance.

Turning to philosophy, numbers are an outstanding medium for asking what it means to know something. Numbers and mathematics alike share strong associations with salient topics like construction, certainty, and nature. By giving numbers specific form – and by making that form legible to other people – I seek to be ever more explicit about the importance of numbers for us as individuals and as a society.

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