Introducing *homotopy.io*

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Joint work with Nick Hu and Lukas Heidemann

Third Symposium on Compositional Structures (SYCO 3)
University of Oxford, UK
27 March 2019

Curry-Howard

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Proof —— Program

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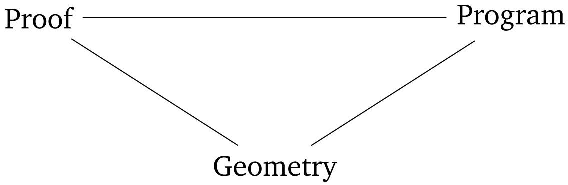

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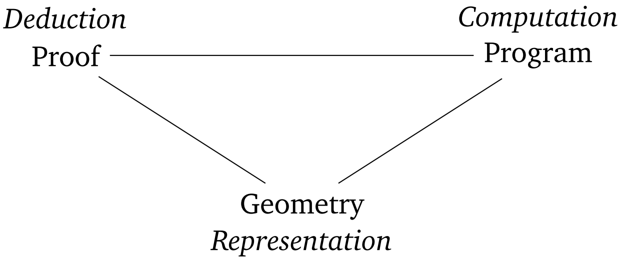

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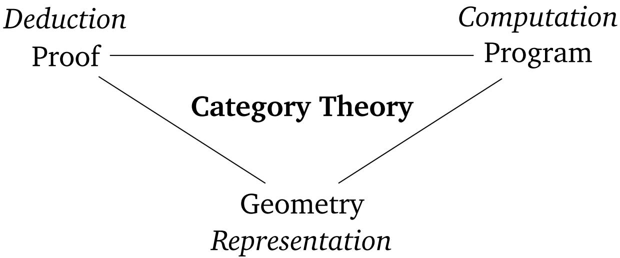

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We can expect category theory to play a central mediating role.

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The long-term goal is to develop a unified perspective on deduction, computation, and geometry, focused around an implementation, and with direct application to a range of problems in quantum and classical computation.