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## A New Perspective on Chiral Gauge Theories

*Saturday, July 30, 2016 10:15 AM (30 minutes)*

I review some of the different approaches that have been pursued in attempting to define chiral gauge theories on the lattice, all of which are procedures for eliminating unwanted mirror fermions from the theory. I then discuss a recently published proposal with D. Grabowska that combines domain wall fermions with gradient flow as a new idea for how to decouple the mirror fermions, and which seems to imply unexpected nonperturbative effects.

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