Feynman Diagrams
via TikZ

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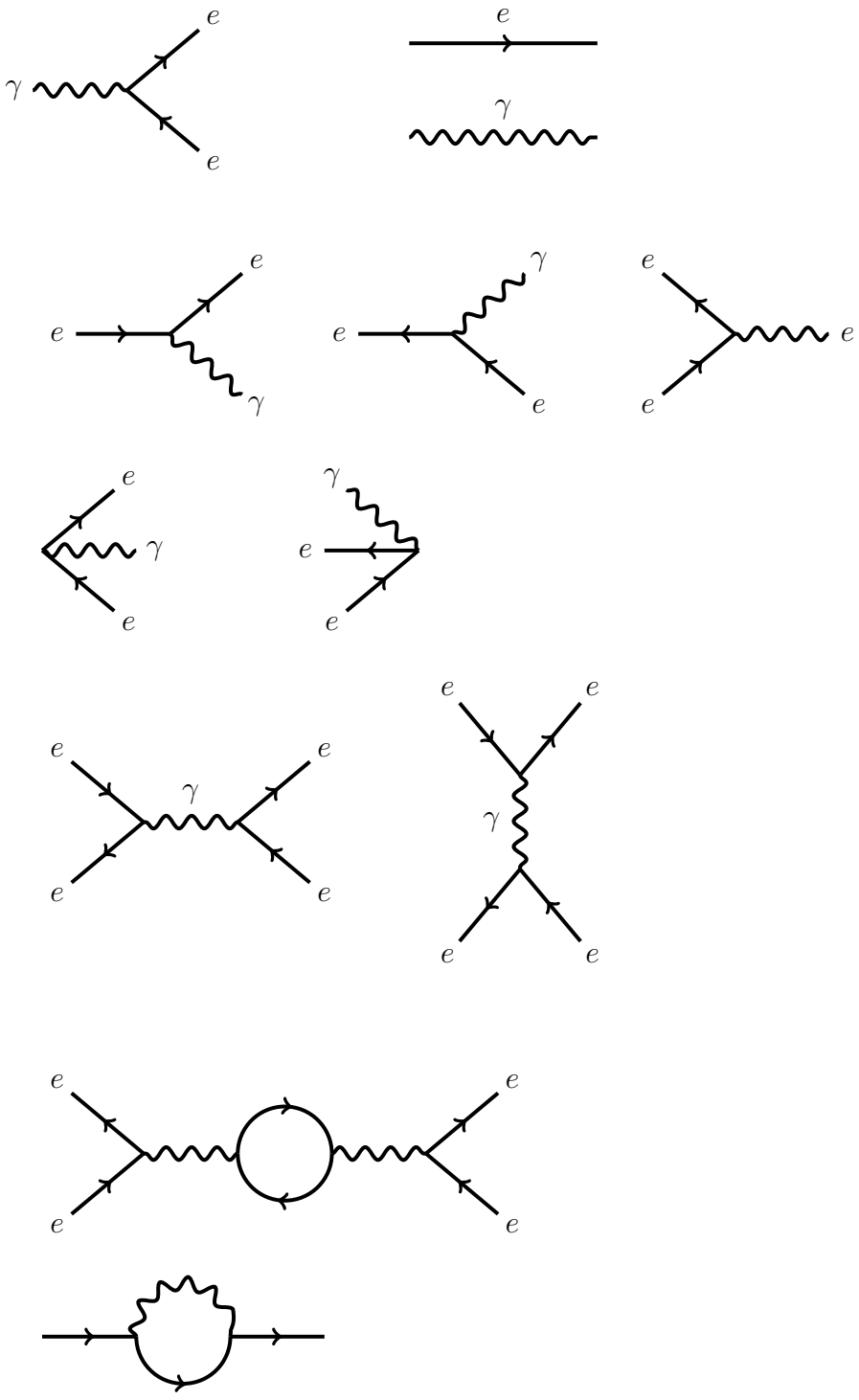
This version: August 19, 2015

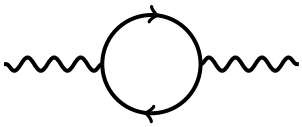
Abstract

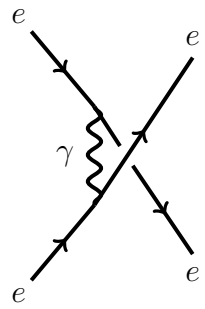
These are sample Feynman diagrams.

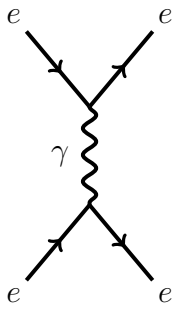
Contents

1 QED

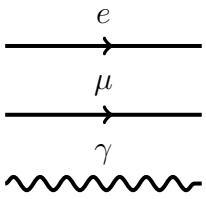


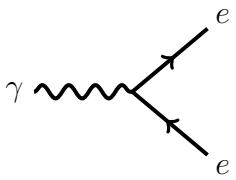


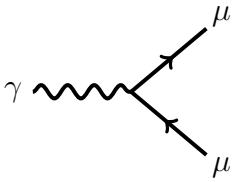




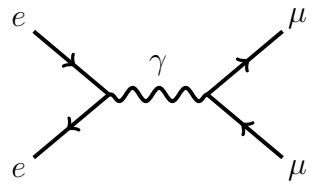
2 QED+μ

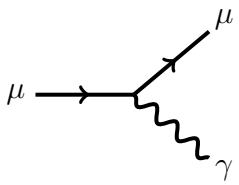


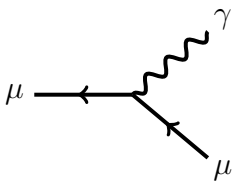


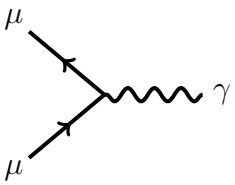


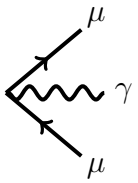
Electrons to muons

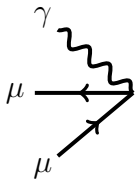




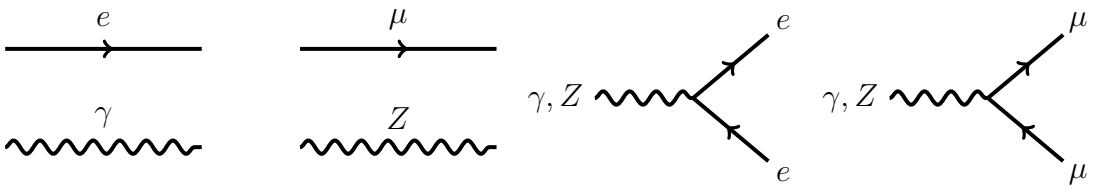




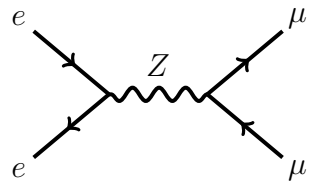


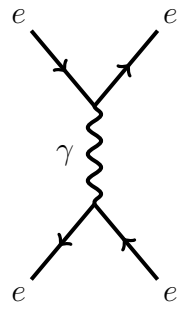


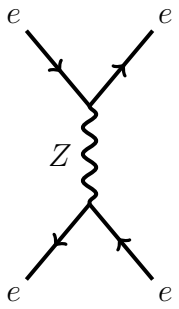
3 QED+Z+μ



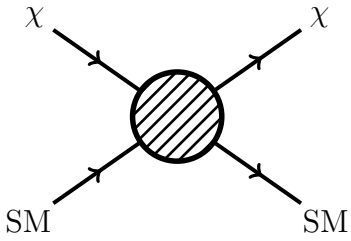
Electrons to muons via Z



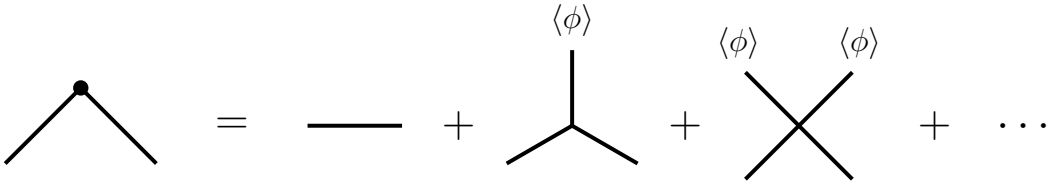




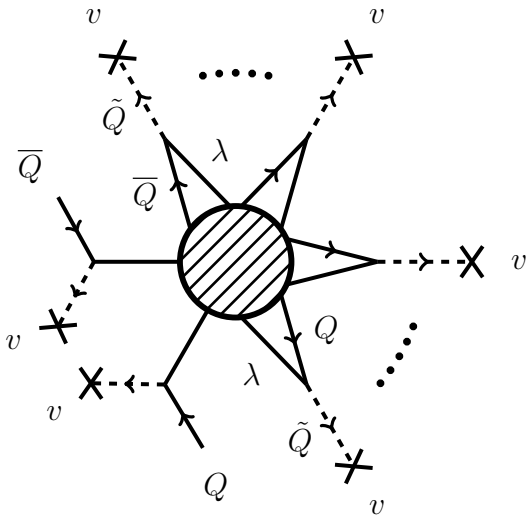
4 Blob diagrams

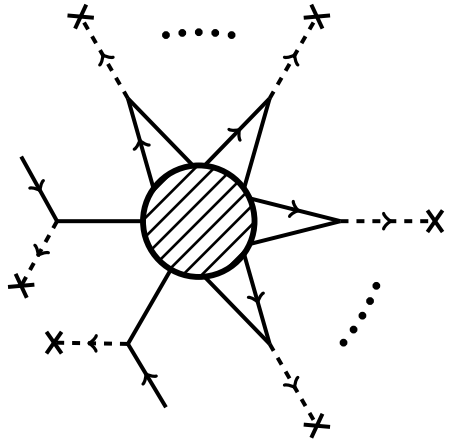


5 Coleman Weinberg



6 't Hooft operator





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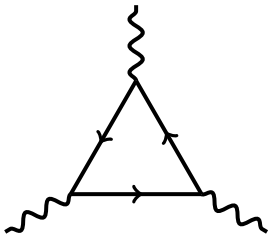

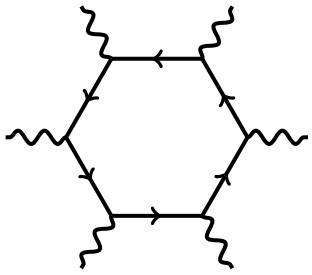

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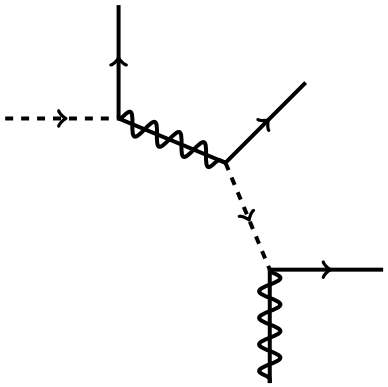

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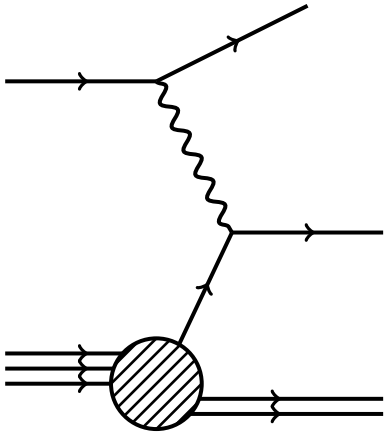

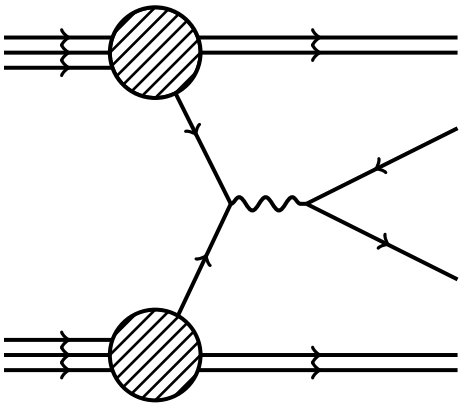

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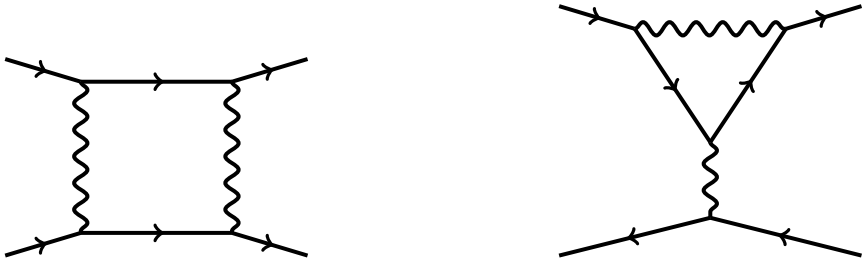

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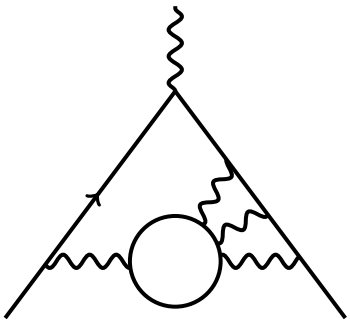
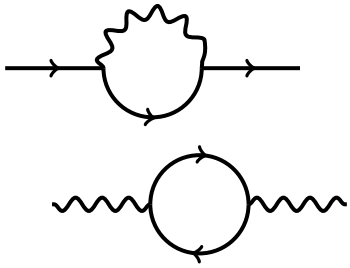


12 Renormalization



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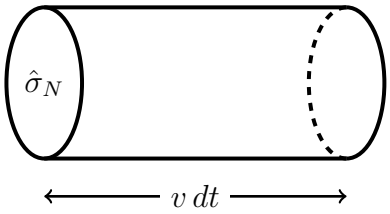
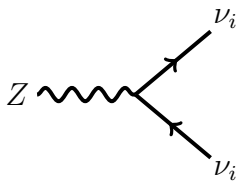
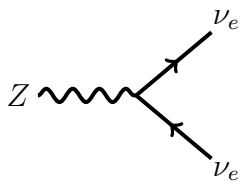
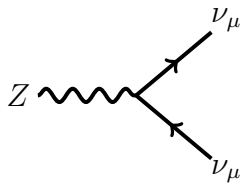
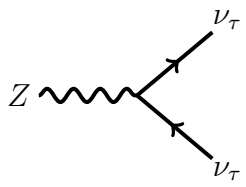


14 Z boson

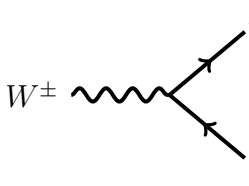


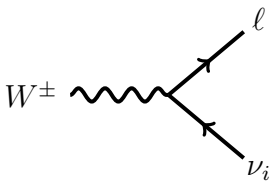


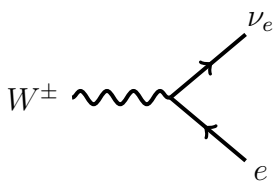


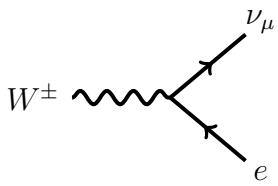


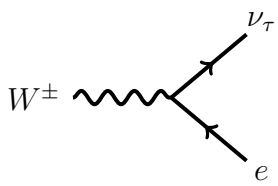
15 W boson

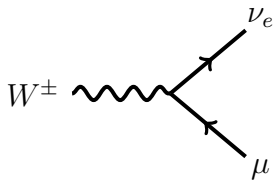


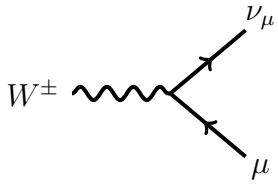


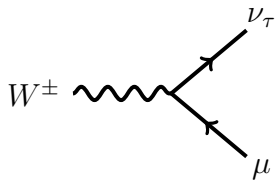


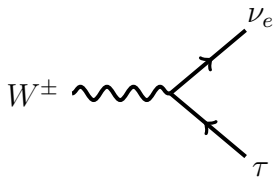


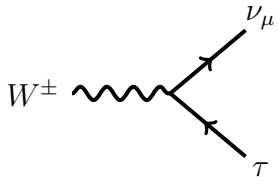


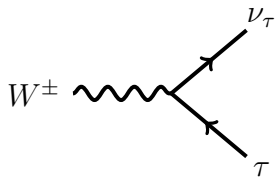




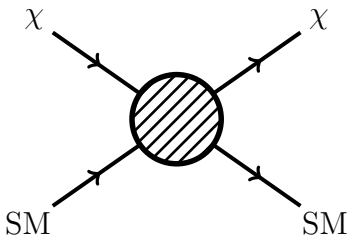




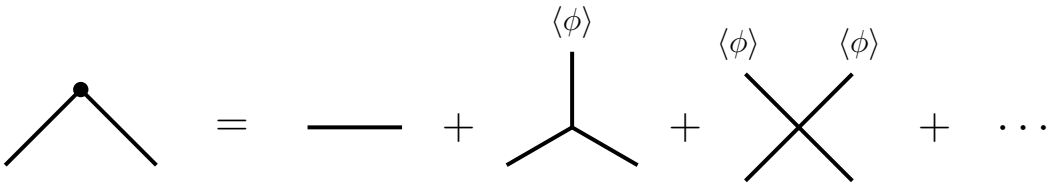




16 Dark Matter



17 Coleman Weinberg



Acknowledgements

... This work is supported in part by the NSF grant number PHY-0355005, an NSF graduate research fellowship, and a Paul & Daisy Soros Fellowship For New Americans. The contents of this article do not necessarily represent the views of either institution.