

Feynman Diagrams via TikZ

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Abstract

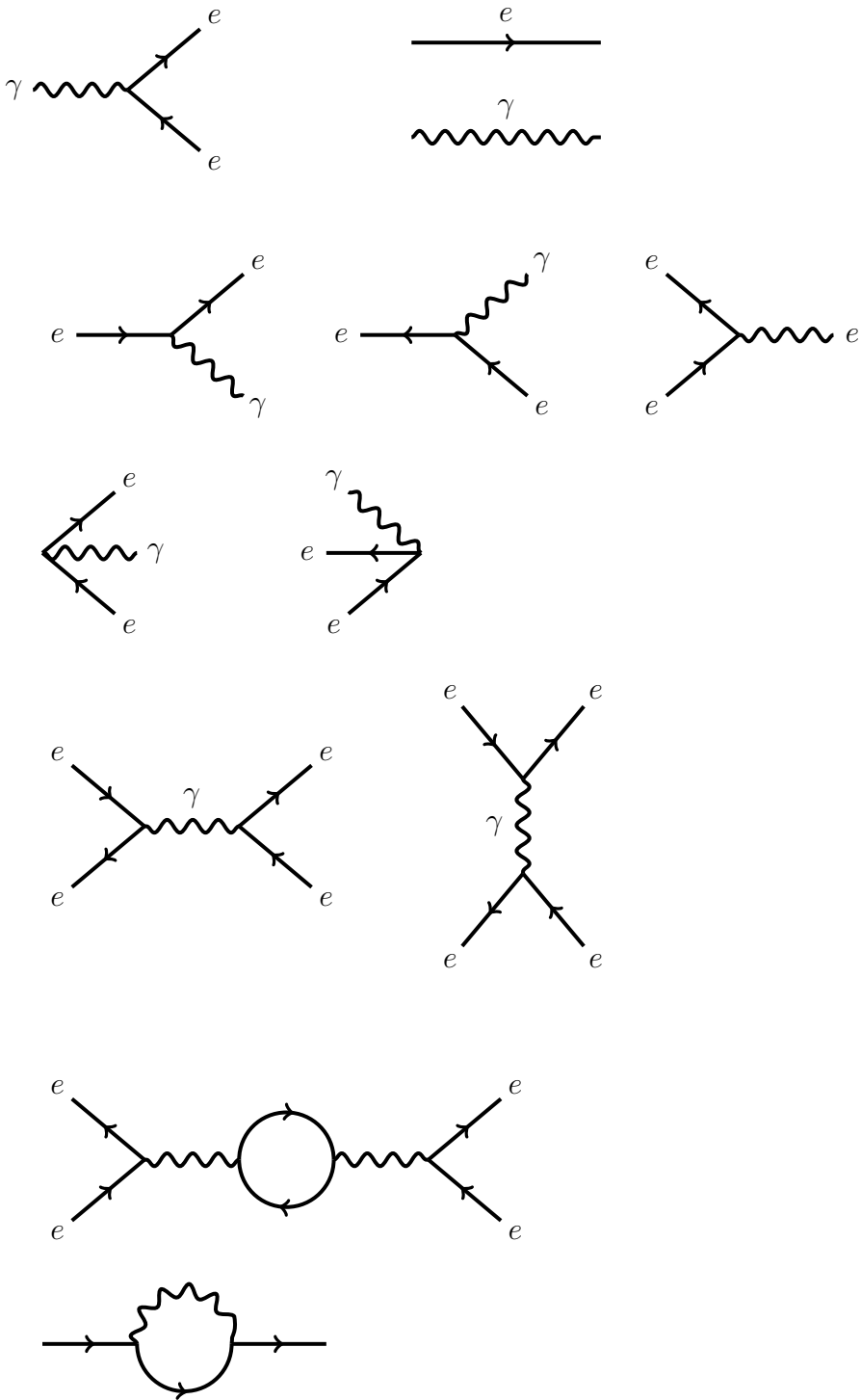
These are sample Feynman diagrams.

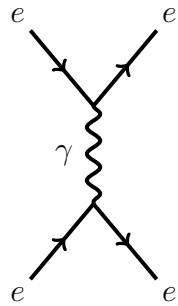
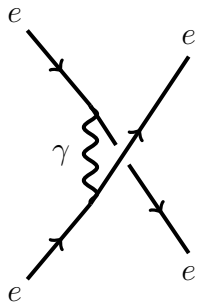
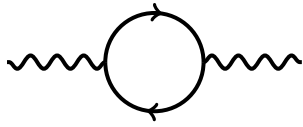
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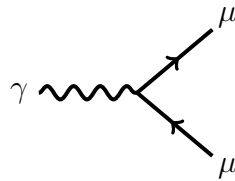
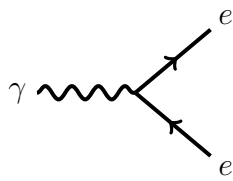
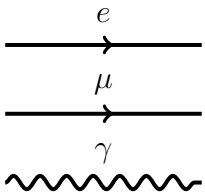
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1 QED

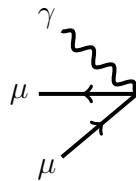
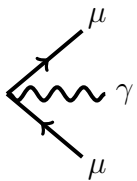
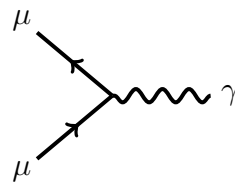
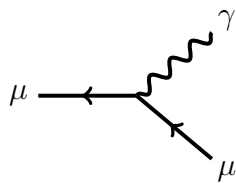
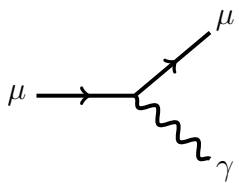
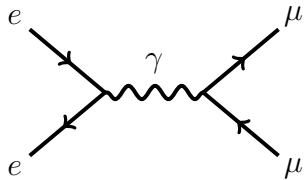




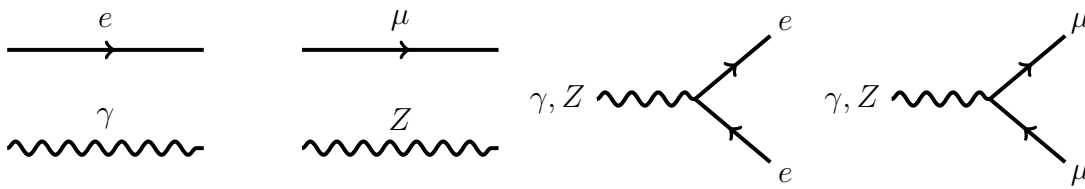
2 QED+ μ



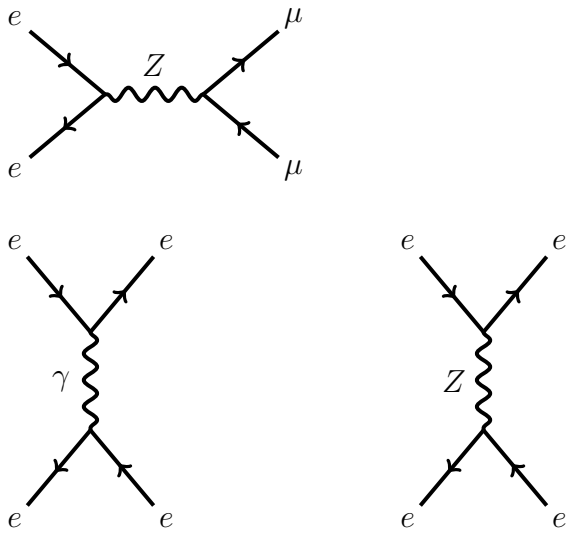
Electrons to muons



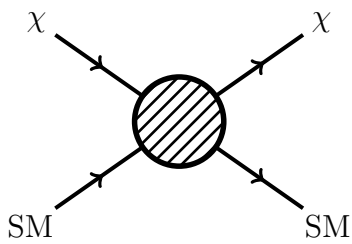
3 QED+Z+ μ



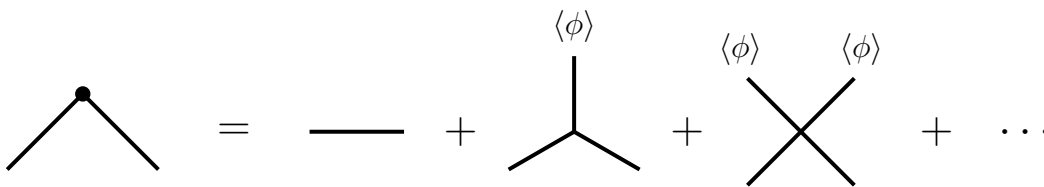
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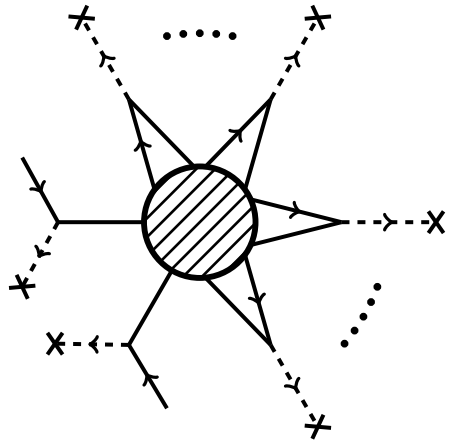
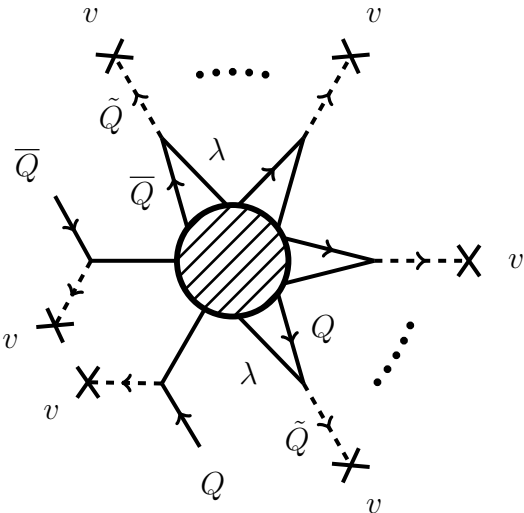
4 Blob diagrams



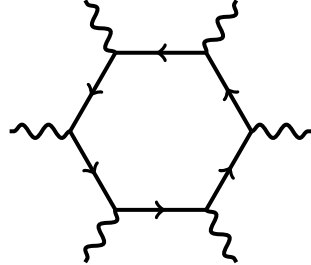
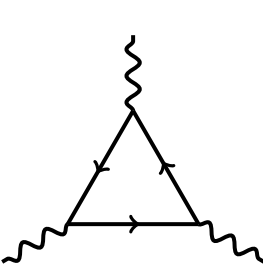
5 Coleman Weinberg



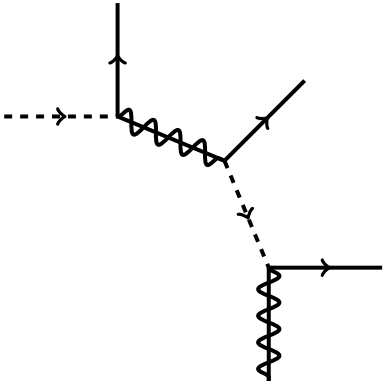
6 't Hooft operator



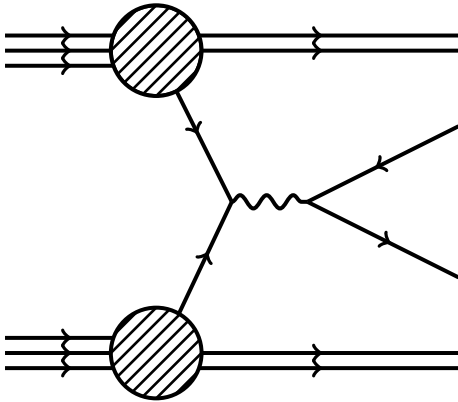
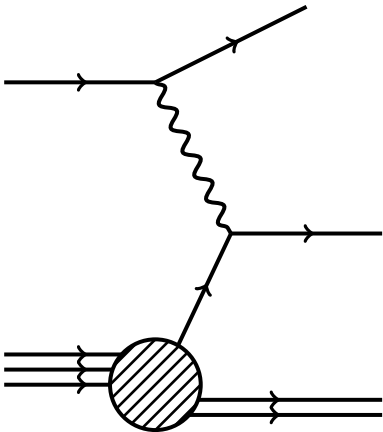
7 Anomaly



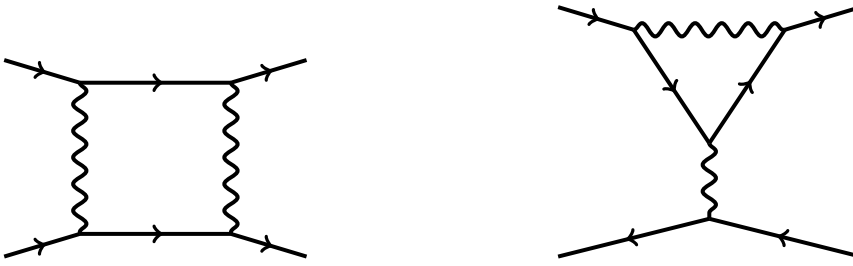
8 SUSY Cascade



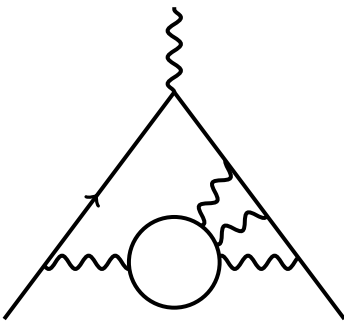
9 Hadronic interactions



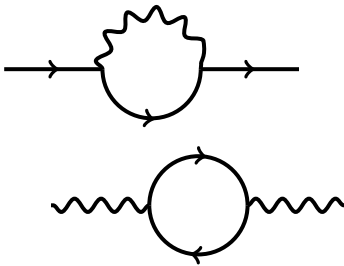
10 Flavor (box and penguins)



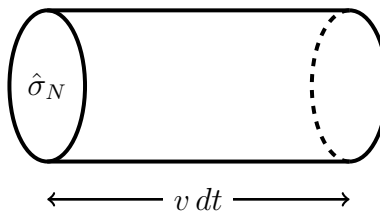
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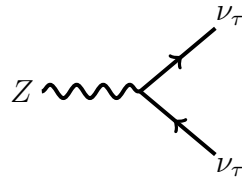
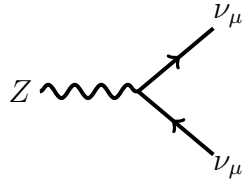
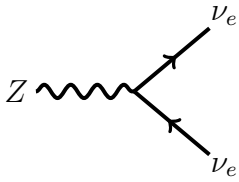
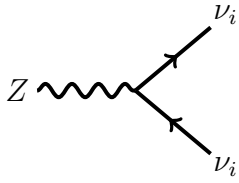
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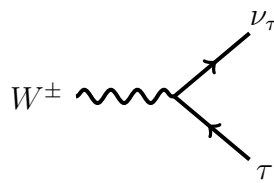
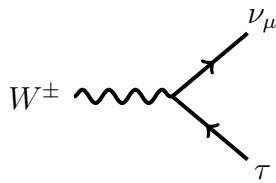
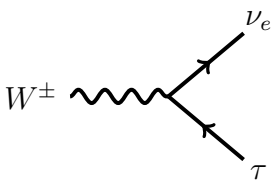
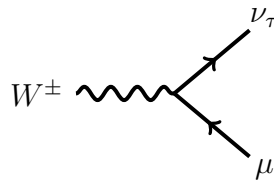
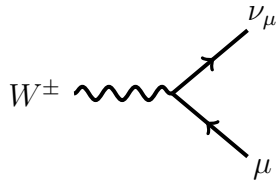
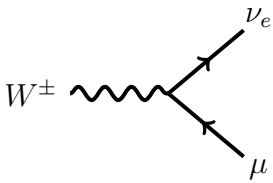
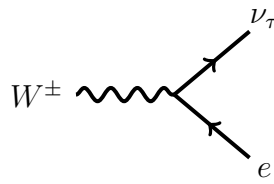
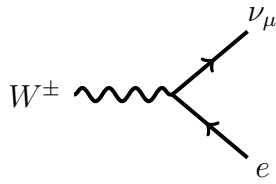
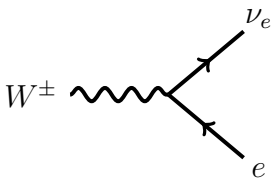
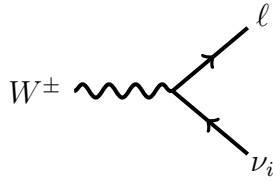
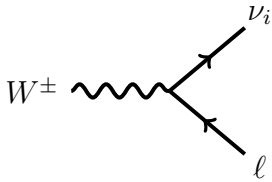
13 Cross section



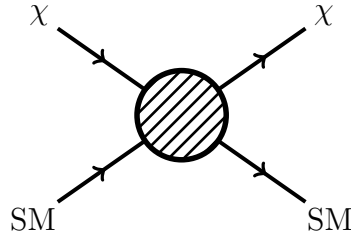
14 Z boson



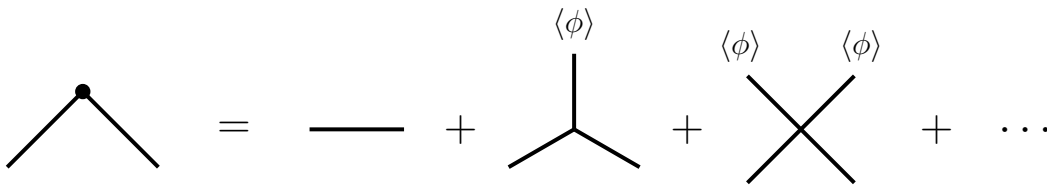
15 W boson



16 Dark Matter



17 Coleman Weinberg



Acknowledgements

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