

# Sample Feynman Diagrams in TikZ

VOL. II: [NON-FEYNMAN] DIAGRAMS

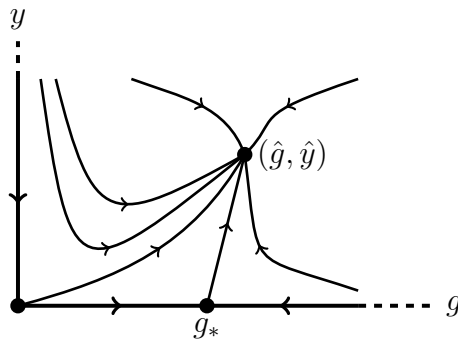
Flip Tanedo  
[flip.tanedo@uci.edu](mailto:flip.tanedo@uci.edu)

*Department of Physics & Astronomy, University of California, Irvine, CA 92697*

## Abstract

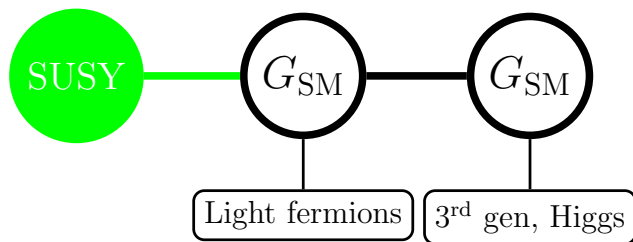
This is collection of useful sample Feynman diagrams and pieces typeset in TikZ. See Volume I for background information.

## 1 Bezier graphs

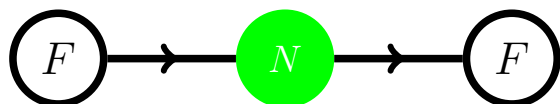


## 2 Seiberg duality

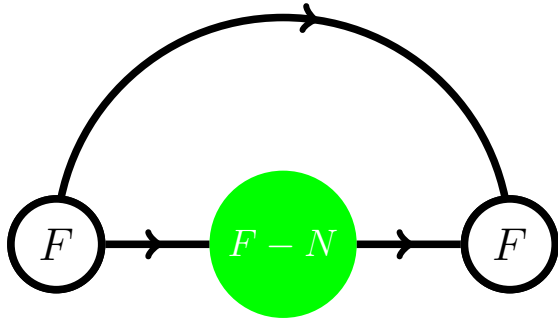
### 2.1 Deconstruction of XD



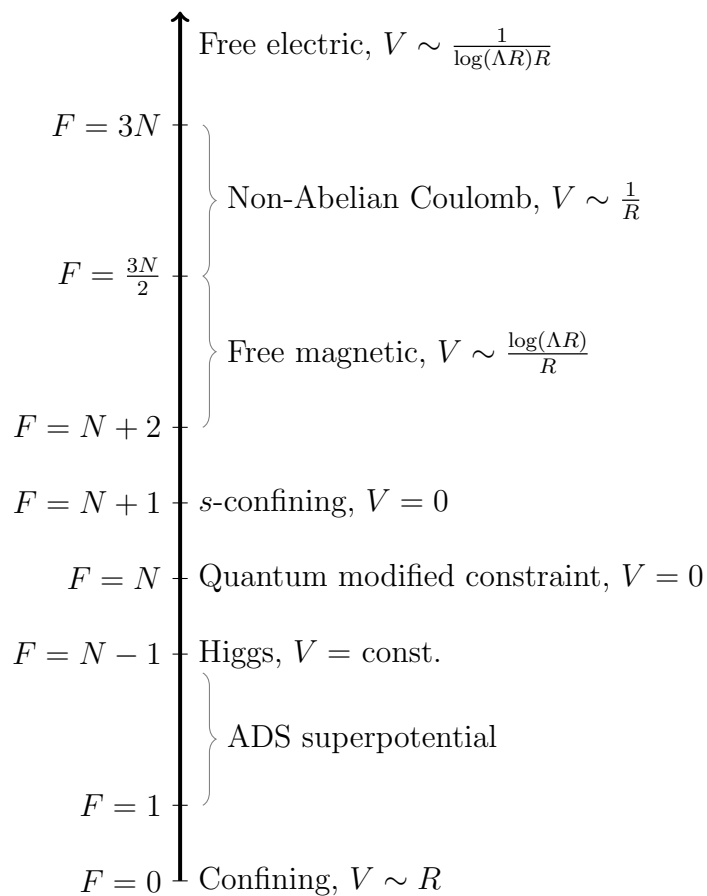
### 2.2 Quiver for electric theory



### 2.3 Quiver for magnetic theory



### 3 Phase structure of SQCD

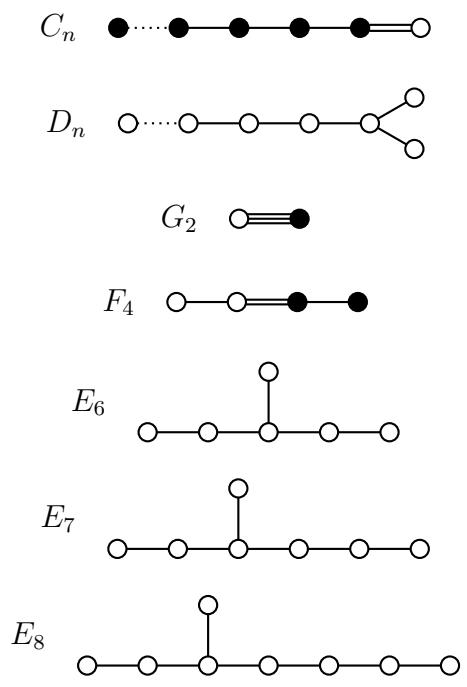


### 4 Dynkin diagrams

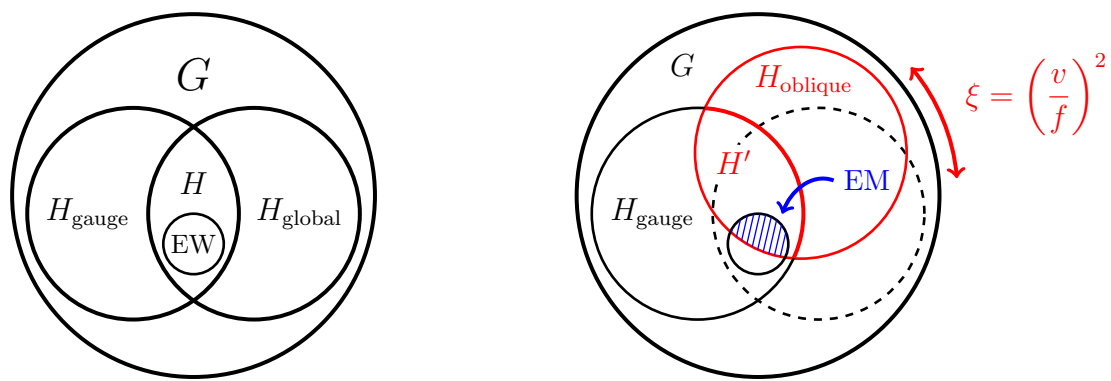
From <http://doxdrum.wordpress.com/2012/04/02/latex-tip-dynkin-diagrams-using-tikz/>

$$A_n \quad \circ \cdots \circ - \circ - \circ - \circ - \circ$$

$$B_n \quad \circ \cdots \circ - \circ - \circ - \circ = \bullet$$

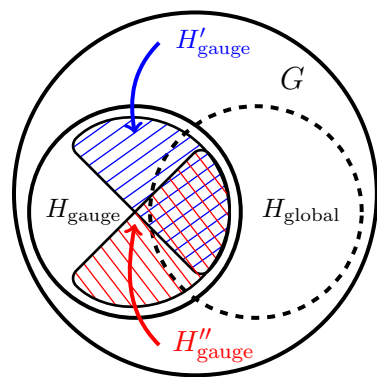


## 5 Composite Higgs

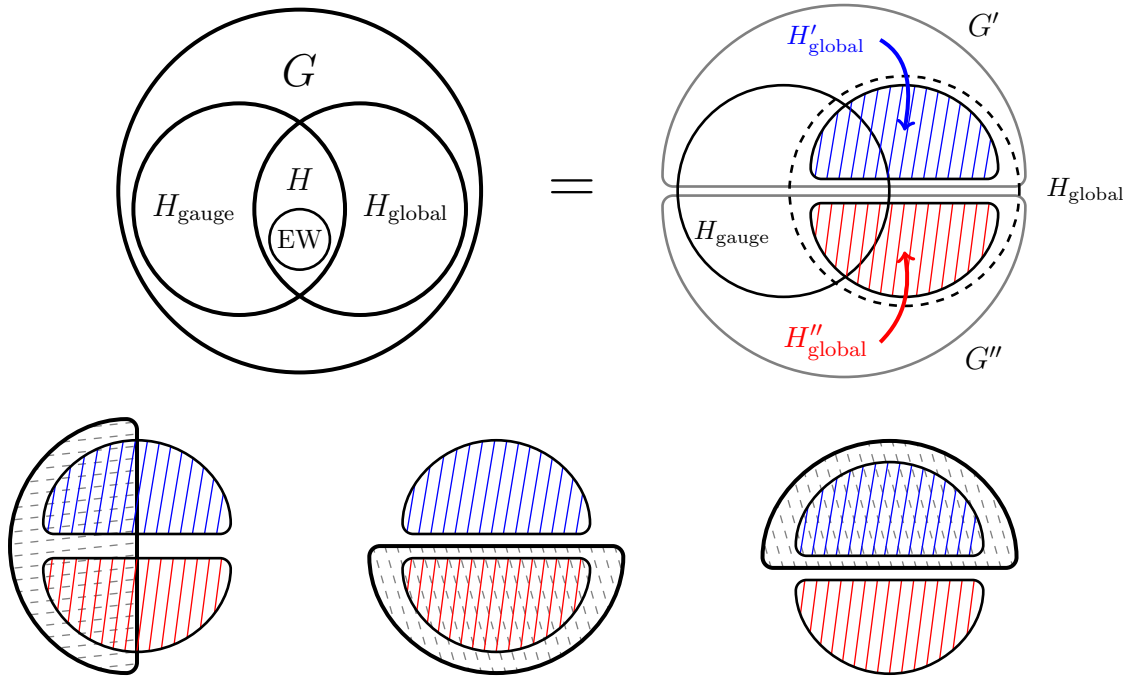


## 6 Collective Symmetry Breaking

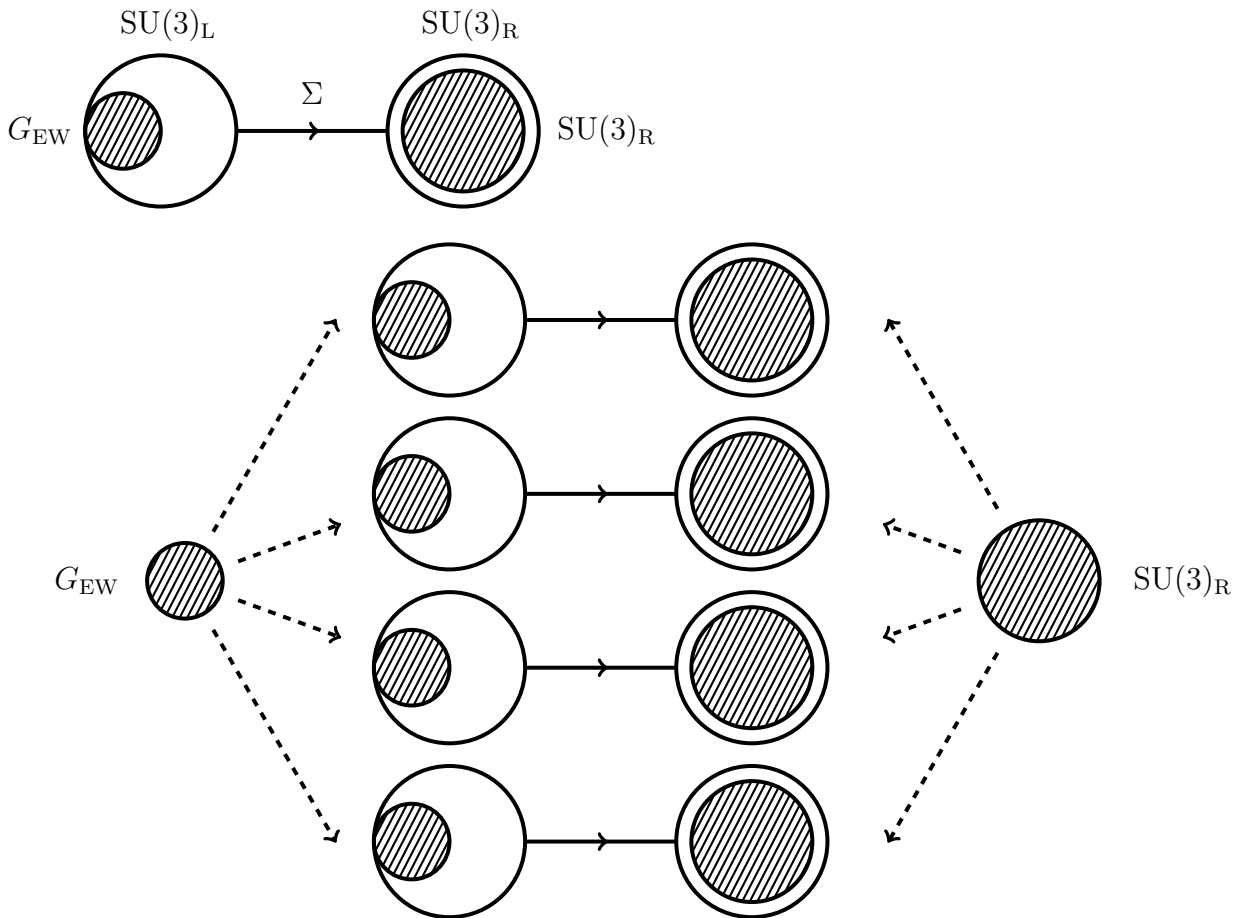
This is actually totally wrong... correct figure below.



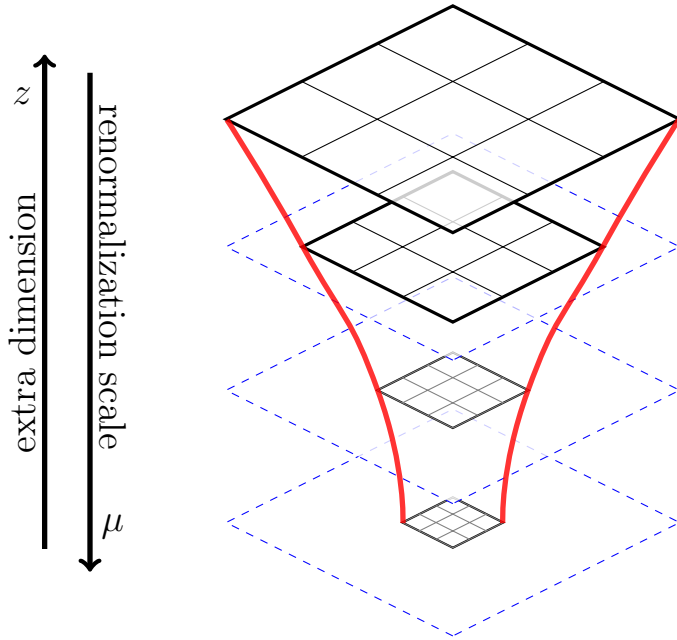
Here's the correct picture:



## 7 Minimal Moose



## 8 RS



## Acknowledgements

This work is supported in part by the NSF grant PHY-1316792.