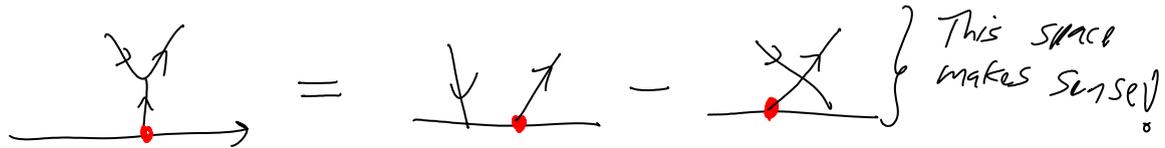


# The Red Dot Technique

October-13-08  
1:00 PM

The grading of  $A^w$  can also be computed by counting incoming legs. What are the implications?



The diagram shows an equation between three terms. The first term is a horizontal line with a red dot on it, from which two lines branch upwards and outwards. The second term is a horizontal line with a red dot on it, from which two lines branch downwards and outwards. The third term is a horizontal line with a red dot on it, from which two lines branch upwards and outwards, but they cross each other. A large curly brace on the right side of the equation groups the second and third terms, with the text "This space makes sense!" written next to it.

This is the proper justification for my earlier "Euler"/"red-part-scattering" technique.

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What does it mean topologically?  
What does it mean Lie-algebraically?