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Department Of Physics, SUNY At Binghamton (Date:  
August 12, 2014) In His Book [R.P. Feynman, R.,B.  
Leighton, And M. Sands, The Feynman Lectures In  
Physics, 6th Edition (Addison Wesley, Reading  
Massachusetts, 1977, Part.3 Chapter 18), Feynman  
Discussed The Angular Momentum Conservation For  
The Radiation Of Light From An Atom. The  
Conservation Of The Mar 1th, 2024

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Figure 2. Richard Feynman And Other Physicists  
Gathered In June 1947 At Shelter Island, New York,  
Several Months Before The Meeting At The Pocono  
Manor Inn In Which Feynman Introduced His Diagrams.  
Standing Are Willis Lamb (left) And John Wheeler.  
Seated, From Left To Right, Are Abraham Pais, Richard  
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Gilles Deleuze's Writing On Diagrams Revealed In The Work Of Artist Francis Bacon. Feynman And Bacon Were Both Drawn Towards The Diagram As A Means To Visualise And Explore The Probability Of Something Occurring. The Wonder Of The Diagram Is That It  
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EXAMPLES OF FEYNMAN DIAGRAMS WITH THE TIKZ PACKAGE 3 E+ WW Q Q W+ D0 U0 + H W D U Figure 7. Feynman Diagram For Vector Boson Fusion Higgs Production Re-sulting In An Electron, Neutrino, And Two Quark Jets. P 1 P 2 X 1 X 2 W F 1(x 1;Q2) F 2(x 2;Q2) Figure 8. Formation Of A W Boson Through Deep Inelastic Scattering Of Two Protons, P 1 And P Mar 2th, 2024

## 5. Feynman Diagrams

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Not Work Well For QCD Where  $\alpha_{\text{QCD}} \sim 1$  Higher Order Feynman Diagrams Amplitude Is Of Order  $\alpha$ . Amplitude Is Of Order  $\alpha^2$ .  $\sqrt{\alpha}$   $\sqrt{\alpha}$   $\sqrt{\alpha}$   $\sqrt{\alpha}$  ... Feb 2th, 2024

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