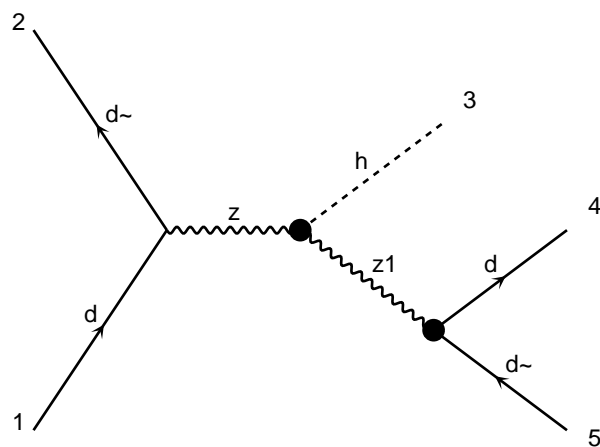
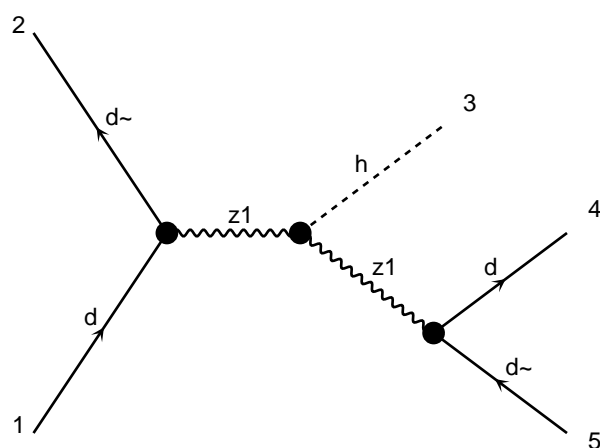


NP=0, NPall=0, NPcG=0, NPcGtil=0, NPcH=0, NPcHBan=0, NPcHBtil=0, NPcHNDil=0, NPcHG=0, NPcH

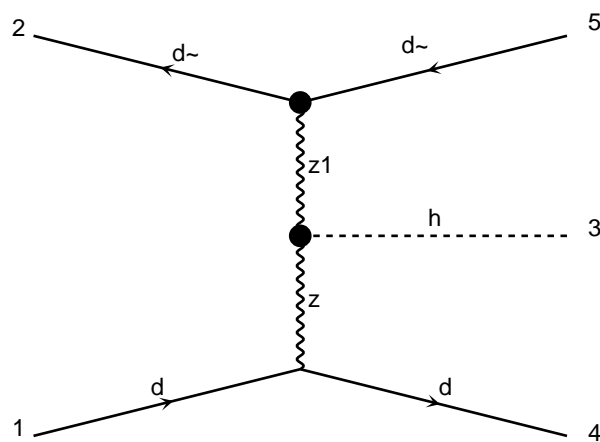


NP=0, NPall=2, NPcG=0, NPcGtil=0, NPcH=0, NPcHBan=0, NPcHBtil=0, NPcI=0, NPcIal=0, NPcP=0, NPcPG=0, NPcPC



The diagram shows a central vertical wavy line representing a Z boson. It is labeled 'Z' at both the top and bottom vertices. At the top vertex, the Z boson decays into a quark-antiquark pair, represented by two solid lines diverging upwards. The left line is labeled 'd' with an arrow pointing left, and the right line is labeled 'd' with a tilde and an arrow pointing right. At the bottom vertex, the Z boson decays into another quark-antiquark pair, represented by two solid lines diverging downwards. The left line is labeled 'd' with an arrow pointing left, and the right line is labeled 'd' with an arrow pointing right. A horizontal dashed line, representing a Higgs boson, extends to the right from the central Z boson line. It is labeled 'h' above the line and '3' at its right end. The numbers 1, 2, 3, 4, and 5 are placed at the ends of the external lines: 1 at the bottom left, 2 at the top left, 3 at the right end of the dashed line, 4 at the bottom right, and 5 at the top right.

NP=0, NPall=0, NPcG=0, NPcGtil=0, NPcH=0, NPcHB=0, NPcHBtil=0, NPcI=0, NPcItil=0, NPcL=0, NPcLtil=0, NPcP=0, NPcPG=0, NPcPH=0, NPcPHtil=0, NPcPL=0, NPcPLtil=0, NPcR=0, NPcRG=0, NPcRH=0, NPcRHtil=0, NPcRL=0, NPcRLtil=0, NPcT=0, NPcTG=0, NPcTH=0, NPcTHtil=0, NPcTL=0, NPcTLtil=0, NPcV=0, NPcVG=0, NPcVH=0, NPcVHtil=0, NPcVL=0, NPcVLtil=0, NPcW=0, NPcWG=0, NPcWH=0, NPcWHtil=0, NPcWL=0, NPcWLtil=0, NPcX=0, NPcXG=0, NPcXH=0, NPcXHtil=0, NPcXL=0, NPcXLtil=0, NPcY=0, NPcYG=0, NPcYH=0, NPcYHtil=0, NPcYL=0, NPcYLtil=0, NPcZ=0, NPcZG=0, NPcZH=0, NPcZHtil=0, NPcZL=0, NPcZLtil=0



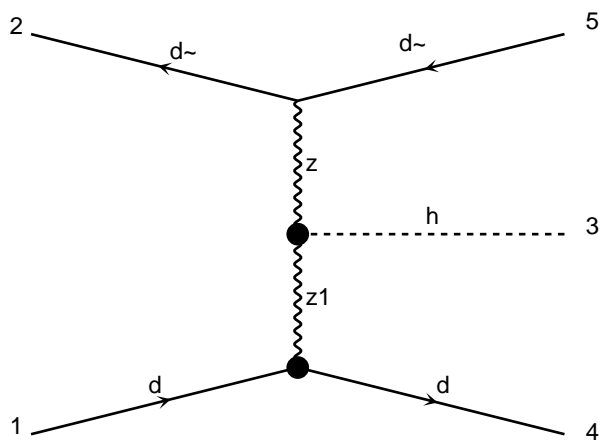
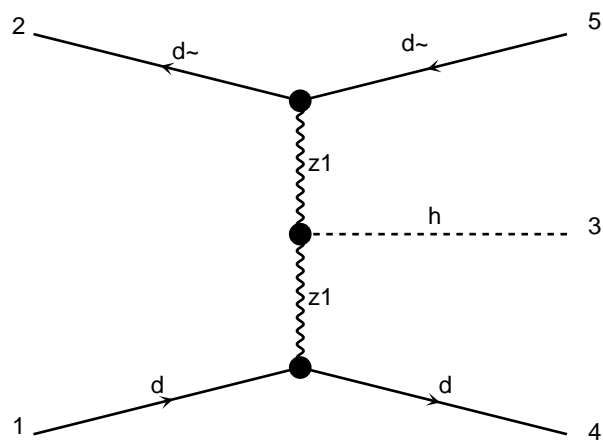


diagram 7

$\text{NP}=0$, $\text{NPalI}=2$, $\text{NPcG}=0$, $\text{NPcGil}=0$, $\text{NPcH}=0$, $\text{NPcHBan}=0$, $\text{NPcHTil}=0$, $\text{NPcIDal}=0$, $\text{NPcIG}=0$, NPcIL



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[illegible]