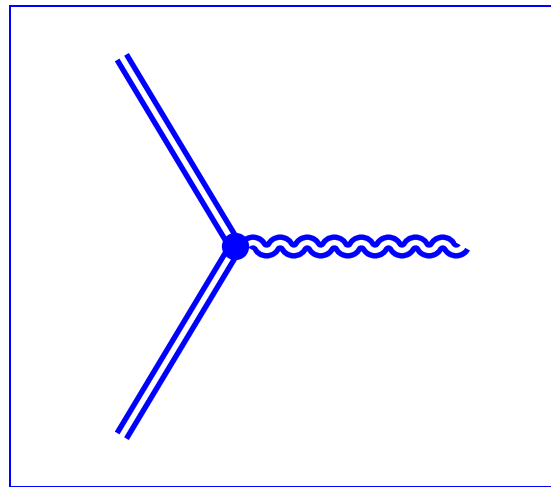


Feynman diagram elements used to describe gravity via graviton exchange.

Sometimes it is useful to distinguish normal matter (n-matter) from antimatter (a-matter); some particles are their own antiparticle.

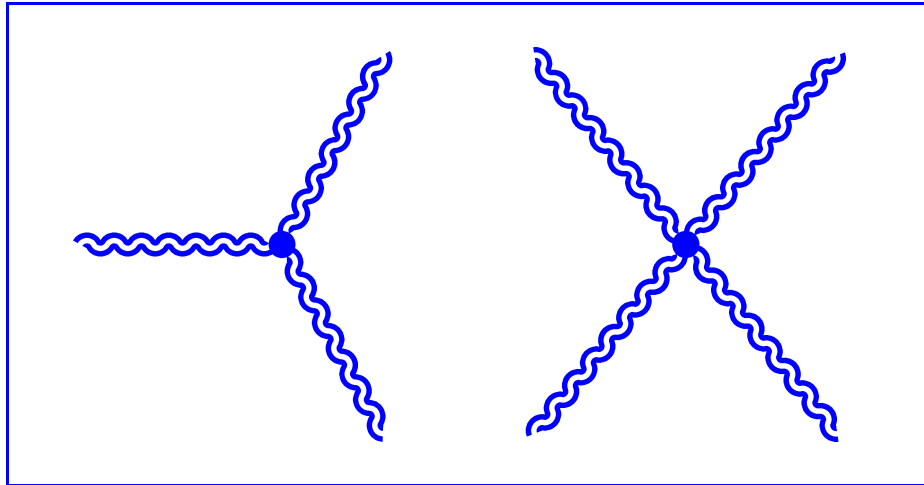
The Feynman diagram representation of perturbative gravity is sufficiently rare that no standard set of symbols has been developed.

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Feynman diagram element describing the most basic piece of the perturbative description of gravity: a vertex connecting a single graviton to an individual particle of matter.

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Feynman diagram elements describing the most basic pieces of the graviton self-interaction: the three-graviton and four-graviton vertices.

These are the first two of an infinite tower of primitive graviton self-interactions that are built into the theory even before any loop effects are taken into account.

Diagrammatically this looks very similar to QCD.

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