



A Feynman diagram illustrating a four-point interaction. Four external lines meet at a central vertex, represented by a black dot. The incoming lines from the left are labeled \bar{n} (horizontal) and \bar{l} (diagonal). The outgoing lines to the right are labeled k (diagonal) and i (dashed). Two dashed lines represent internal propagators, labeled \bar{j} (top) and \bar{i} (bottom). Arrows on the solid lines indicate the flow of particles.

$$= i \left(\overline{D}_{(\bar{n}} D_m R_{i\bar{j}k\bar{l})} + 3g^{o\bar{r}} R_{o(\bar{j}m\bar{l}} R_{i\bar{n}k)\bar{r}} \right)$$