

The diagram shows the expansion of the effective vertex $V_{12,eff}$ into a series of Feynman diagrams. The first term is a shaded oval labeled $V_{12,eff}$ with four external lines. This is followed by an equals sign and a series of diagrams separated by plus signs. The first diagram in the series is a vertex with a loop. The second is a vertex with a loop and a dashed line. The third is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The fourth is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The fifth is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The sixth is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The seventh is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The eighth is a vertex with a loop and a dashed line, with a dashed line connecting it to a vertex with a loop. The series ends with an ellipsis.