

$$\partial_t V_g =$$

The image shows two Feynman diagrams representing the time derivative of the gluon potential, $\partial_t V_g$. The first diagram on the left is a tree-level diagram consisting of a vertical wavy line on the left that splits into two horizontal wavy lines. The upper horizontal line has two vertices marked with black dots, and the lower horizontal line has one vertex marked with a black dot. Three momentum labels p with arrows are present: one above the upper line pointing right, one below the lower line pointing left, and one above the upper line pointing right. The right end of the upper line is a circle with a cross inside. The second diagram on the right is a loop-level diagram. It features a vertical wavy line on the left that enters a loop. The loop is formed by two wavy lines: the upper one is a smooth curve and the lower one is a jagged curve. Two vertices on the loop are marked with black dots. Two momentum labels p with arrows are shown: one above the smooth curve pointing right, and one below the jagged curve pointing left. The right end of the loop is a circle with a cross inside. A plus sign is placed between the two diagrams.