Figure 6: Feynman diagrams of the first-order contributions to the processes $B_s^0 \rightarrow D_s^{*+} K^+$ (left) and $B_s^0 \rightarrow D_s^{*-} K^+$ (right).

Figure 7: Feynman diagrams of the first-order contributions to the processes $B_s^0 \rightarrow D_s^{*-} \pi^+$ (left) and $B^0 \rightarrow D_s^{*-} K^+$ (right).