

1. Problem 8.3

- 2.** Figure 8.14(a) shows the process $e^+e^- \rightarrow Z^0 H$. Draw Feynman diagrams for the process $e^+e^- \rightarrow Z^0 Z^0$. Why is the virtual Z^0 exchange diagram similar to 8.14(a) and 8.9(c) not allowed?

3. Problem 8.7
