

$$\begin{aligned}
 \langle GG^* \rangle = & \text{Diagram 1} + \text{Diagram 2} + \text{Diagram 3} \\
 & + \text{Diagram 4} + \text{Diagram 5} + \text{Diagram 6} \\
 & + \text{Diagram 7} + \text{Diagram 8} + \dots
 \end{aligned}$$

The diagrams are Feynman diagrams with two horizontal lines representing fermions. Vertices are marked with black dots.

- Diagram 1:** Two parallel horizontal lines with no vertices.
- Diagram 2:** Two parallel horizontal lines with a vertical line connecting them in the middle, with dots at the vertices.
- Diagram 3:** Two parallel horizontal lines with a loop on the top line, with dots at the vertices.
- Diagram 4:** Two parallel horizontal lines with a loop on the bottom line, with dots at the vertices.
- Diagram 5:** Two parallel horizontal lines with a loop on the top line, with dots at the vertices.
- Diagram 6:** Two parallel horizontal lines with a loop on the bottom line, with dots at the vertices.
- Diagram 7:** Two parallel horizontal lines with two vertical lines connecting them, with dots at all four vertices.
- Diagram 8:** Two parallel horizontal lines with a vertical line connecting them in the middle, and a loop on the bottom line, with dots at all three vertices.