

$$A_6^{\text{BCJ},2} = \text{Diagram 1} + \text{Diagram 2}$$

The image shows the BCJ double copy representation of the six-point amplitude $A_6^{\text{BCJ},2}$. It is equal to the sum of two diagrams:

- Diagram 1:** Two light grey circular vertices, each labeled $\mathcal{O}(p^6)$, connected by a horizontal line. Each vertex has three external lines extending from its circumference.
- Diagram 2:** A single light grey circular vertex labeled $\mathcal{O}(p^{10})$ with six external lines extending from its circumference.