$$A_6^{\text{ans}} = \underbrace{\begin{array}{c} A_4 \\ \downarrow \\ \mathcal{O}(p^{2a}) \end{array}} + \underbrace{\begin{array}{c} \text{contact} \\ \mathcal{O}(p^{2m}) \end{array}} + \underbrace{\begin{array}{c} \text{contact} \\ \mathcal{O}(p^{2m}) \end{array}}$$