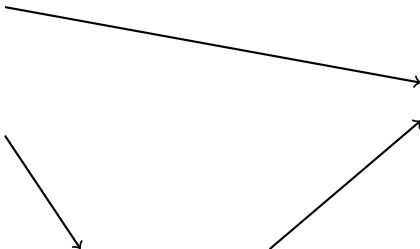
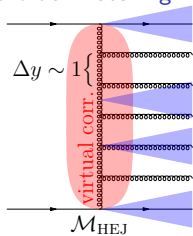
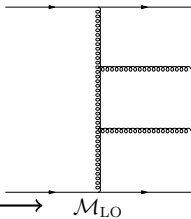


HEJ

Fixed-order matching



$$\frac{\mathcal{M}_{\text{HEJ}}\mathcal{M}_{\text{LO}}}{\mathcal{M}_{\text{LO,HEJ}}}$$

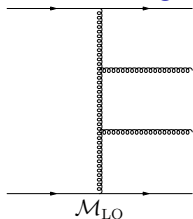


MadGraph



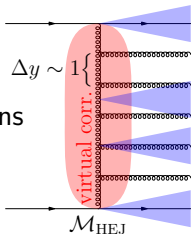
“Reversed” HEJ

Fixed-order matching



external
(e.g. MadGraph)

many HEJ configurations



$$\frac{\mathcal{M}_{\text{HEJ}}\mathcal{M}_{\text{LO}}}{\mathcal{M}_{\text{LO,HEJ}}}$$