

$$\begin{aligned}
 & \text{GT}_{i_, j_@ \Sigma_B} [\{li__, i_, ri__\}, \{lj__, j_, rj__\}, bs__] [\sigma_, \\
 & \quad \text{PQ}[c_, q_]] ::= \\
 & \text{CF}_{@ \Sigma_B} [\{ri, li, j, rj, lj, i\}, bs] [\sigma, \text{PQ}[c \cup \{\gamma_i - \gamma_j\}, q]]
 \end{aligned}$$