

$$\begin{aligned}
& (X_1X_4, Y_1Y_3) \\
& (X_1Y_1, X_4Y_3) \\
& (X_1X_1X_2, Y_1Y_1Y_2) \\
& (X_3, Y_2) \\
& (X_4, Y_3) \\
& (X_1X_1X_2, Y_1Y_1Y_2) \\
& (X_1X_2, \varepsilon) \\
& (Y_1Y_2, \varepsilon) \\
& (X_1X_2, Y_1Y_2) \\
& (X_1, Y_1) \\
& (X_2, Y_2) \\
& (X_3, Y_2) \\
& (\varepsilon, \varepsilon) \\
& \emptyset
\end{aligned}$$

$$\begin{aligned}
& (X\alpha, Y\beta) \\
& (X\alpha', Y\beta') \\
& (\alpha, \alpha'), (\beta, \beta') \\
& (X, Y\gamma), (\gamma\alpha, \beta)
\end{aligned}$$

$$\begin{aligned}
& X \text{ and } Y \text{ normed} \\
& \text{norm } (X) = \text{norm } (Y\gamma)
\end{aligned}$$