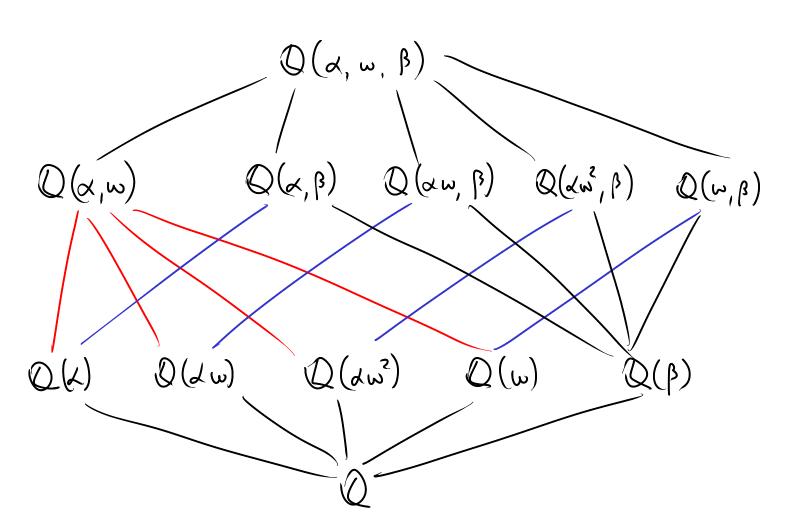
$$\alpha = \sqrt[3]{2} \qquad \beta = \sqrt{5} \qquad \omega = e^{2\pi i/3}$$



$$f: \begin{cases} \beta & \longrightarrow \beta \\ \beta & \longrightarrow \beta \\ \omega & \longrightarrow \omega \end{cases} \qquad g: \begin{cases} \beta & \longrightarrow \beta \\ \omega & \longrightarrow \omega \end{cases}$$

$$h: \begin{cases} \beta & \longrightarrow \beta \\ \omega & \longrightarrow \omega \end{cases}$$

$$(f) \qquad (gh) \qquad (g^2h) \qquad (g)$$

 $\langle f, h \rangle \langle f, gh \rangle \langle f, g^2h \rangle \langle f, g \rangle$

<f, 9, h>

(g,h)