

$$\begin{array}{ccc}
 E & \longleftrightarrow & \langle 1 \rangle \\
 4 \downarrow & & \downarrow |H|=4 \\
 K & \longleftrightarrow & H \\
 2 \downarrow & & \downarrow [G:H]=2 \\
 F & \longleftrightarrow & G
 \end{array}$$