$$G \longrightarrow G/N$$

$$\left\{\begin{array}{c|c} & & & \\ & & & \\ & H \longrightarrow H/N \\ & & \\ & & \\ & T \longrightarrow T/N \\ & & \\ & & \\ & & \\ & N \longrightarrow \{e\} \end{array}\right\} \leq G/N$$