

$$\begin{array}{ccccc}
 N(I) & \longrightarrow & G & \longleftarrow & N(O) \\
 N(f) \downarrow & & g \downarrow & & N(h) \downarrow \\
 N(I') & \longrightarrow & G' & \longleftarrow & N(O')
 \end{array}$$