

$$\begin{array}{ccccc}
 La \longrightarrow x \longleftarrow Lb & Lc \longrightarrow y \longleftarrow Ld & L(a+c) \longrightarrow x+y \longleftarrow L(b+d) \\
 \uparrow & \updownarrow & \uparrow & \updownarrow & \uparrow \\
 La' \longrightarrow x' \longleftarrow Lb' \otimes Lc' \longrightarrow y' \longleftarrow Ld' & := & L(a'+c') \longrightarrow x'+y' \longleftarrow L(b'+d') \\
 \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\
 La'' \longrightarrow x'' \longleftarrow Lb'' & Lc'' \longrightarrow y'' \longleftarrow Ld'' & L(a''+c'') \longrightarrow x''+y'' \longleftarrow L(b''+d'')
 \end{array}$$