$$\begin{array}{c} L_1: & & L_1: \\ a_1 = \dots & & b_1 = \dots \\ b \equiv \dots & & b_2 = \dots \\ \vdots & \vdots & \vdots & \vdots \\ L_2 \searrow & & & \vdots \\ a_2 = b & & & \downarrow \\ L_0: a_3 = \phi(L_1: a_1, L_2: a_2) & & L_0: a_3 = \phi(L_1: a_1, L_1: b) \end{array}$$