Step	Annotated Algorithm: $B := L^{-1}B$
1a	$\left\{ B = \hat{\hat{B}} \right\}$
4	**Partition** **where**
2	$\left\{ \left(\begin{array}{c} B_T \\ \hline B_B \end{array} \right) = \left(\begin{array}{c} L_{TL}^{-1} \hat{B}_T \\ \hline \hat{B}_B - L_{BL} L_{TL}^{-1} \hat{B}_T \end{array} \right) \right\}$
3	**while** $n(L_{TL}) \neq n(L)$ **do**
2,3	$\left\{ \left(\left(\begin{array}{c} B_T \\ \hline B_B \end{array} \right) = \left(\begin{array}{c} L_{TL}^{-1} \hat{B}_T \\ \hline \hat{B}_B - L_{BL} L_{TL}^{-1} \hat{B}_T \end{array} \right) \right) \wedge (n(L_{TL}) \neq n(L)) \right\}$
5a	**Repartition** **where**
6	$\{Q_{bu}\}$
8	S_U
5b	**Continue with**
7	$\{Q_{au}\}$
2	$\left\{ \left(\begin{array}{c} B_T \\ \hline B_B \end{array} \right) = \left(\begin{array}{c} L_{TL}^{-1} \hat{B}_T \\ \hline \hat{B}_B - L_{BL} L_{TL}^{-1} \hat{B}_T \end{array} \right) \right\}$
	enddo
2,3	$\left\{ \left(\left(\begin{array}{c} B_T \\ \hline B_B \end{array} \right) = \left(\begin{array}{c} L_{TL}^{-1} \hat{B}_T \\ \hline \hat{B}_B - L_{BL} L_{TL}^{-1} \hat{B}_T \end{array} \right) \right) \wedge \neg (n(L_{TL}) \neq n(L)) \right\}$
1b	$\left\{ B = L^{-1} \hat{\hat{B}} \right\}$

Figure 1: Worksheet (incomplete) for deriving unblocked algorithm for $B := L^{-1}B$ (Variant 2).