

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

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