Intro

x	1	0	0	0	1	0	1	0	0
e_1	1	0	0	0	1	0	1	1	1
e_2	0	1	1	1	1	1	1	0	0

Root node, $w = 0$.

x	1	0	0	0	1	0	1	0	0
e_1					1	0	1	1	1

Substitute x_1, $w = 0$.

x	1	0	0	0	1	0	1	0	0
e_1							1	1	1

Substitute x_2, $w = 0$.

Bound condition. Up and Continue.
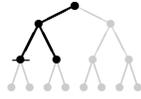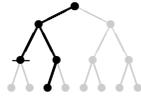
x	1	0	0	0			1	0	0

Eliminate x_2, $w = 1$.

x	1	0	0	0			1	0	0

Substitute x_3, $w = 1$.

Solution found. Up and continue. Bound condition, up and continue.
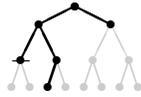
x					1	0	1	0	0
e_3	1	1	1	1	1	0	1	0	0
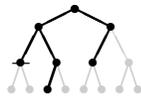
Eliminate x_1, $w = 1$.
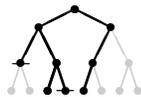
x					1	0	1	0	0
e_3	1	1	1	1			1	0	0

Substitute x_2, $w = 1$.

x					1	0	1	0	0
e_3	1	1	1	1					

Substitute x_3, $w = 1$.

Bound condition. Up and continue. Weight would increase, so up and continue. Weight would increase, so end. Final tree: