

	x_1	x_2	x_3	x_4	x_5	
max \vec{c}	500	450	0	0	0	\vec{b}
A	6	5	1	0	0	60
	1	2	0	1	0	15
	1	0	0	0	1	8
$t=0$	N	N	B	B	B	
$\vec{x}^{(0)}$	0	0	60	15	8	$\vec{c} \cdot \vec{x}^{(0)} = 0$
$\Delta x^{(1)}$	1	0	-6	-1	-1	$\vec{c} \cdot \Delta x^{(1)} = 500$
$\Delta x^{(2)}$	0	1	-5	-2	0	$\vec{c} \cdot \Delta x^{(2)} = 450$
	-	-	$\frac{60}{-(-6)}$	$\frac{15}{-(-1)}$	$\frac{8}{-(-1)}$	$\lambda = 8$
$t=1$	B	N	B	B	N	$x^{(0)} + \lambda \Delta x = x^{(1)}$
$\vec{x}^{(1)}$	8	0	12	7	0	$\vec{c} \cdot \vec{x}^{(1)} = 4000$
$\Delta x^{(2)}$	0	1	-5	-2	0	$\vec{c} \cdot \Delta x = 450$
$\Delta x^{(5)}$	-1	0	6	1	1	$\vec{c} \cdot \Delta x = -500$
	-	-	$\frac{12}{-(-5)}$	$\frac{7}{-(-2)}$	-	$\lambda = 12/5$
$t=2$	B	B	N	B	N	
$\vec{x}^{(2)}$	8	$17/5$	0	$11/5$	0	$\vec{c} \cdot \vec{x}^{(2)} = 5080$
$\Delta x^{(3)}$	0	-1/5	1	2/5	0	$\vec{c} \cdot \Delta x = -90$
$\Delta x^{(5)}$	-1	6/5	0	-7/5	1	$\vec{c} \cdot \Delta x = 40$
	$\frac{8}{-(-1)}$	-	-	$\frac{11}{-(-7)}$	-	$\lambda = 11/7$
$t=3$	B	B	N	N	B	
$\vec{x}^{(3)}$	$6\frac{4}{7}$	$4\frac{2}{7}$	0	0	$11/7$	$\vec{c} \cdot \vec{x}^{(3)} = 5142\frac{6}{7}$
$\Delta x^{(3)}$	$2/7$	$1/7$	1	0	$2/7$	$\vec{c} \cdot \Delta x = -50/7$
$\Delta x^{(4)}$	$5/7$	$-6/7$	0	1	$-5/7$	$\vec{c} \cdot \Delta x = -200/7$
						local opt \Rightarrow global opt
						$x^{(3)} = (8, 12/5, 0, 11/5, 0)$ $+ 11/7 (-1, 6/5, 0, -7/5, 1)$ $= (6\frac{4}{7}, 4\frac{2}{7}, 0, 0, 11/7)$