

How to read the optimal dual solution from the optimal tableau (max primal)

Dual Theorem: $\vec{y} = (\vec{c}_B^T B^{-1})^T$

Where does this appear in the optimal tableau?

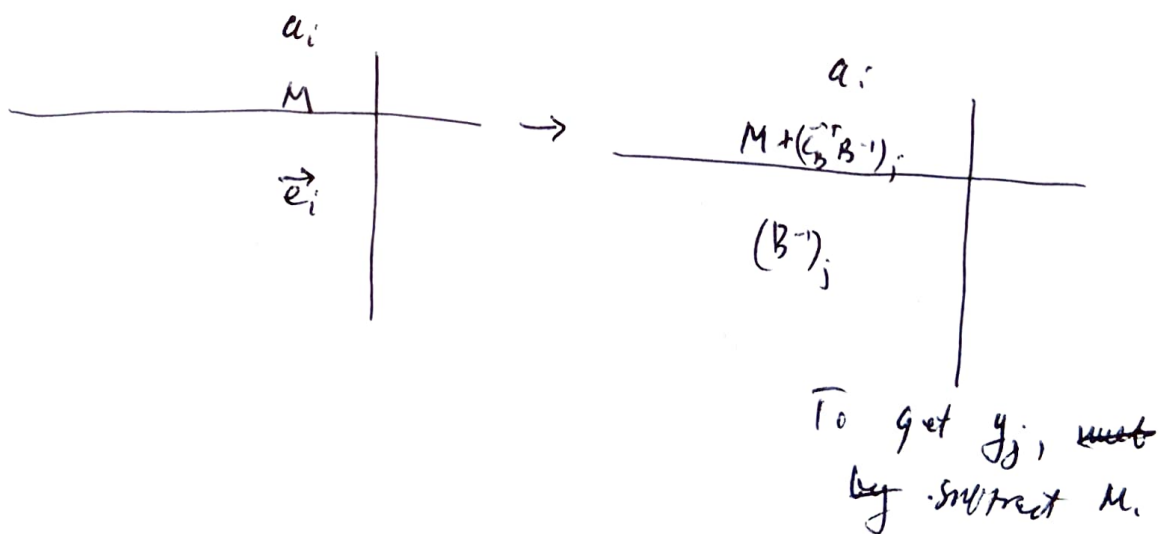
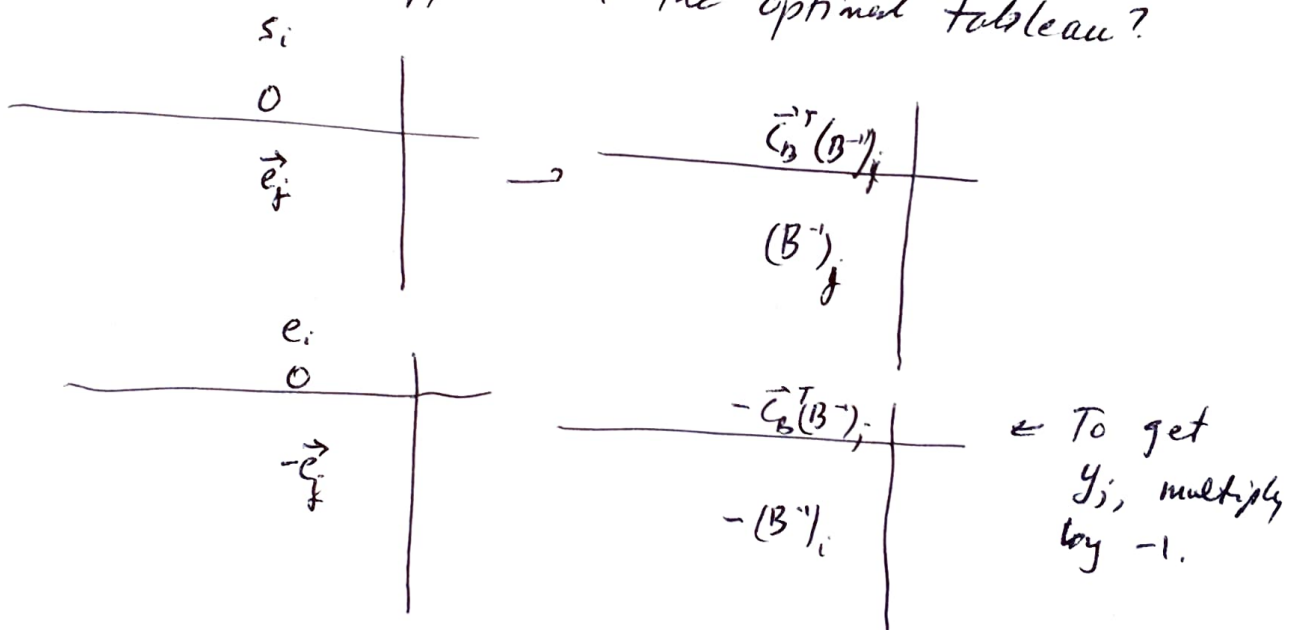


Table 2b.

y_1	y_2	y_3	e_1	s_2	a_1	a_2	rhs
1	0	0	3	0	$M-3$	$M+1$	$-b$

(same)

We would say $x_1 = -3$, $x_2 = 0$, $x_3 = 1$

But this is ~~not~~ ^{not} for the "min" problem (we started by converting the original min to a max). To convert this to the original "max", multiply the soln by -1 . ~~Q.E.D.~~