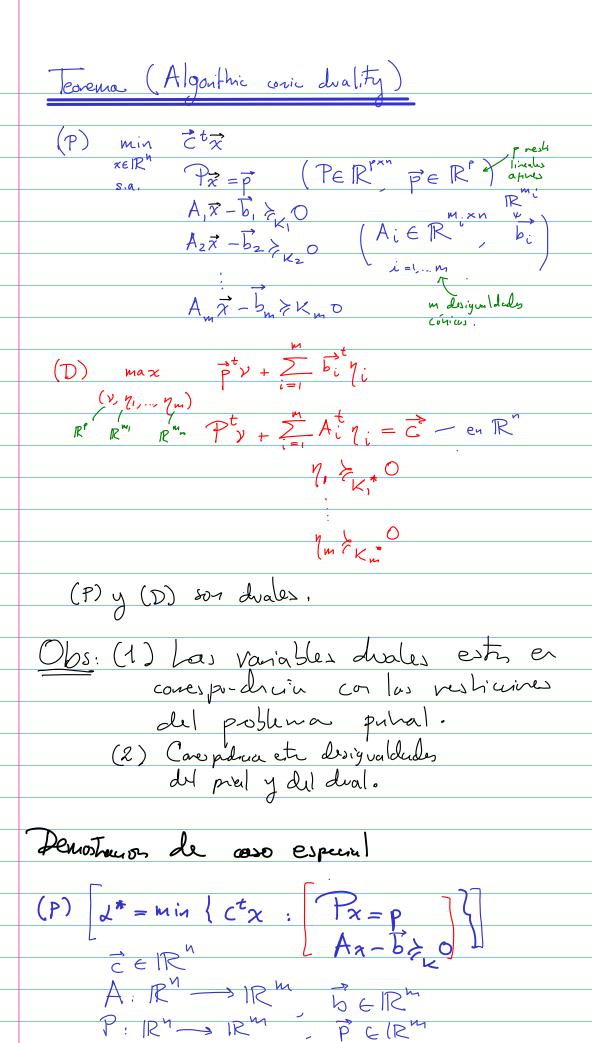
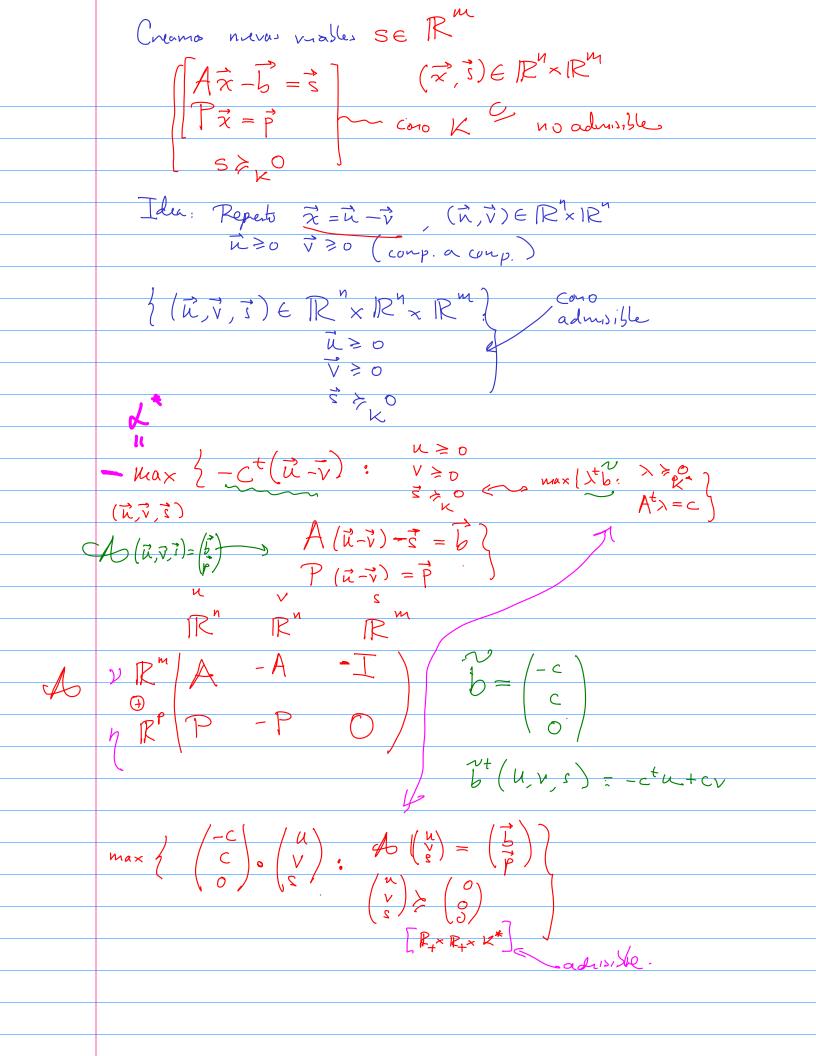


Si
$$C \not\in hr(A)^{\perp} \exists v \neq 0$$
 $Av = 0$
 $Ev \neq 0$





$$A^{t}(\nu) = \begin{pmatrix} P^{t} & A^{t} \\ -P^{t} & -A^{t} \end{pmatrix} \begin{pmatrix} \gamma \\ \gamma \end{pmatrix}$$

$$0 \quad -I$$

$$\begin{bmatrix}
7^{\dagger}y + A^{\dagger}y + C \ge 0 \\
-P^{\dagger}y - A^{\dagger}y - C \ge 0
\end{bmatrix}$$

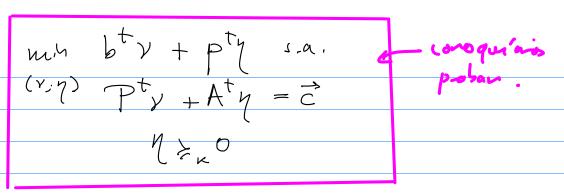
$$-\eta \gtrsim 0$$

$$\begin{array}{ccc} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

asique el dual es:

- Max
$$b^{t}$$
) + p^{t} p^{t} s.a. p^{t} p^{t}

Depre V = - V y mes us n usi.



Ejercicio: Demestr el Teora de "Dualidad cónica algoritmica en su venta gereal.