$$Y_2 + X4 + 2X_5 = 2$$

$$... L \times 5 = -3$$

rontradict with Xi >0

2. The convex hall for (vi). i.e. I is
$$S_1 = \{ y = 2 + i \text{ i } | 2 + i \text{ i } | 2 + i \text{ i } | 1 \}$$

$$S_2 = \{ y = \sum_{j \in \mathbb{Z}} (j) \mid \forall j \in \mathbb{Z} (j) = 1 \}$$

Sit 
$$a_1 \begin{pmatrix} v_1 \\ 1 \end{pmatrix} + a_2 \begin{pmatrix} v_2 \\ 1 \end{pmatrix} + \cdots + a_{1c+2} \begin{pmatrix} v_{1c+2} \\ 1 \end{pmatrix} = 0$$

$$\frac{1}{5} = \frac{1}{5} \cdot \frac{1}$$

$$\frac{-1}{0} = \frac{\alpha_1 V_1}{S^-} + \frac{\alpha_2}{S^-} V_2 + \dots + \frac{\alpha_N}{S^-} V_n$$

$$(7 \times^{7} + y^{7} + A) \times^{7} = 0$$

$$(7 \times^{7} + y^{7} + A) \times^{7} = 0$$

for 
$$i \in I$$
  $\chi_i^* = \chi_{Ii}^*$   
for  $j \in I$   $\chi_j^* = 0$ 

-. Once we known the  $X_{2}^{*}$ , we know the i  $\in$  I indicing that rould be non-zero in  $x^{7}$ , we set all the indices that  $j \notin I$   $X_{j}^{*} = 0$ Then we can get  $X^{*}$  from XI

