$$V = (1, 1, -3, -1) \quad T(V) = ?$$

$$Convid_{A}V = (x, \beta, 1, 1, \epsilon)$$

$$(4, 1, -3, -1) = x(1, 1, 2, 0) + \beta(1, 0, 0, 1) + 81 - 2 - 2, 3, 1) + \epsilon(0, 0, 1, 0)$$

$$\begin{cases} x + \beta - 2x = 1 \\ x = 1 \\ x = 1 \\ x = 1 \\ x = 1 \end{cases}$$

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$$\begin{cases} x + \beta$$

```
Ex The Exist
 USE @ 3 251 Pinestes /m>n
 (3) Wy, wi as LI as $52-4, 3W, W-4 {
- (Sm. n)+ (2m) + (m. n) = 0
- (SA )4+(-2-2)4+(28-28)W=0
    (3) T &- 42 / Tlax + bx + c) = (20, b, 1)
           - T es una t. Queal
 (A) 3 T.R3 - Mexe 50 horage Chros (F)
                two. dnR3= dnIn(1)+dinNff;
     X+ = -1 1 7+== 1
      <(1,0,1)0,1,1)>=0
                       1 = 0 X
     A AB INV => B es inv
       1AB| ≠0 => 1A|1B| ≠0
     VB=I
      4A-1 B = A L
             B=A-1 => B (5 inv.
```

St+25 = { file & 1 fi 51852 el cuando 2505 51752

(a) $S_1 \cap S_2 = \{\vec{0}\} \iff S_1 \oplus S_2 = P_2$

Tho: Si la soma de las bases de Signal de Sign es bose de Pz

 $-n \dim S_7 = 7$ \rightarrow dim $S_1 = 3$ -> Jim 82 = 3

VESINSZED VEST Y VESZ