3.12) 3)
$$N = 18^3$$
 $S = \{[x| xz xs]^T \in \mathbb{R}^3: x_1 + xz + x_3 = 0\}$

BUSIOD gen de S:

 $x_1 + xz + x_3 = 0 \rightarrow x_1 = -xz - x_3$
 $\rightarrow x = (-xz - x_3, xz, x_3) = xz.(-1,1,0) + x_3.(-1,0,1)$

Germa hach $L^{\pm}y$ general $S \rightarrow S = \{(-1,1,0), (-1,0,1)\}$.

 $S^{\pm} = \{U \in \mathbb{R}^3: (y_1, y_1 = 0) \land (Uz, y_1 = 0)\}$
 $T \rightarrow Nanche L^{\pm}(x_1, y_1 = 0) \rightarrow x_1 + x_2 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_2 + x_3 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_2 + x_3 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_2 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x_2 = 0 \rightarrow x_2 = x_1 + x_2 = x_2 = 0 \rightarrow x_2 = x_2 = 0 \rightarrow x_2 = x_1 + x_2 = 0 \rightarrow x_2 = x$

(1)-) Sect U=(X1, x2, x3, x4)-> (-1,1,0,0).(X1, x2, x3, x4) = 0

 \overline{X} que cumplem -) $\overline{X} = (x_1, x_1, x_3, -z_{X3}) = x_1 \cdot (1,1,0,0) + x_3 \cdot (0,0,1,-z)$ Como son LI:

Junto bases:

$$\frac{-1}{2} \left(\frac{\chi_{1}, \chi_{2}, \chi_{3}, \chi_{4}}{\chi_{5}} \right) = \frac{d \cdot \left(-1, 1, 0, 0 \right) + \beta \cdot \left(0, 0, 1, 2, 1 \right) + \beta \cdot \left(1, 1, 0, 0 \right) + \beta \cdot \left(0, 0, 1, -2 \right)}{US}$$

Day (Contract) of

$$\frac{(\chi_{1},\chi_{2},\chi_{3},\chi_{4})}{|\Sigma|^{2}} = \frac{(-\chi_{1}+\chi_{2})}{|\Sigma|^{2}} \cdot (-1,1,0,0) + \frac{(\chi_{3}+\chi_{4})}{|\Sigma|^{2}} \cdot (0,0,z,1) + \frac{(\chi_{1}+\chi_{2})}{|\Sigma|^{2}} \cdot (1,1,0,0) + \frac{(\chi_{3}+\chi_{4})}{|\Sigma|^{2}} \cdot (1,1,0,0) + \frac{$$

C)
$$V = C^{4}$$
 $S = \{ [x_{1}x_{2}x_{3}x_{4}]^{T} \in C^{4} : \{ (x_{1}-ix_{2}+(t-i)x_{3}=0) \}$
 $S = \{ [x_{1}x_{2}x_{3}x_{4}]^{T} \in C^{4} : \{ (x_{1}-ix_{2}+(t-i)x_{3}=0) \}$
 $S = \{ (x_{1}x_{2}+(t-i)x_{3}=0) \rightarrow (x_{1}=ix_{2}-(t-i)x_{3}=0) \}$
 $S = \{ (x_{1}x_{2}+(t-i)x_{3}=0) \rightarrow (x_{1}=ix_{2}-(t-i)x_{3}=0) \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3},x_{2},x_{3},-(t+i)x_{2}) \}$
 $S = \{ (x_{2}x_{3}-(t-i)x_{3},x_{2},x_{3},-(t+i)x_{3}) \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3},x_{2},x_{3},x_{4}) \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3},x_{4}) \rightarrow (x_{1}x_{2},x_{3},x_{4}) \} \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3},x_{4}) \rightarrow (x_{1}x_{2},x_{3},x_{4}) \} \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3},x_{4}) \rightarrow (x_{1}x_{2}-(t-i)x_{3},x_{4}) \} \}$
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 $S = \{ (x_{1}x_{2}-(t-i)x_{3}) \rightarrow (x_{1}x_{3}-(t-i)x_{3}) \} \}$
 $S = \{ (x_{1}x_{2}-(t-i)x_{3}) \rightarrow (x_{1}x_{3}-(t-i)x_{3$

-> 23= x2. (-i+1) + x4. (1+2i+i-2) -> x3= x2. (-i+1)+x4. (-1+3i)

Junto bases:

$$\begin{cases}
(-s-i) & + \theta = x & \text{(i)} \\
x + x = x & \text{(i)} \\
x + x = x & \text{(i)} \\
x + x = x & \text{(i)}
\end{cases}$$