100.10, Ex. A 101 (12). (12), (12) = N, 7T (23), v = 1531, (v, +1) = v, +T P. (15) HZ (6)

(123). (QT, + BT) = 10 -1 (Q) = - BT, + (a-B)V \$13-(12)+5(123))=3\$(1)-\$(101)+5\$(10 = 3 [10] - [0] + 5 [0 -1] (3-(12) + 5(123)). (QI, + BW) = (3d-6B)V, + (4d-)B/V

$$\delta \cdot S_1 = \beta(1/2) = (0 ) S_2 = \beta(1/2) = (1 - 1)$$

$$26. \ \ \, \partial e \lambda \left( \begin{array}{c} D(S_1 - \chi) \right) = \ \, \partial e \lambda \left( \begin{array}{c} -\chi \\ 1 \end{array} \right) = \\ = \chi^2 - 1 \\ \\ V_1 = \chi_{21} \left( \begin{array}{c} -1 \\ 1 \end{array} \right) = \left( \begin{array}{c} -1 \\ 1 \end{array} \right) = \left( \begin{array}{c} -\chi \\ 1 \end{array} \right)$$

$$V_2 = \chi_{21} \left( \begin{array}{c} -1 \\ 1 \end{array} \right) = \left( \begin{array}{c} -1 \\ 1 \end{array} \right) = \left( \begin{array}{c} -\chi \\ 1 \end{array} \right)$$

$$V_4 = \chi_{21} \left( \begin{array}{c} 1 \\ 1 \end{array} \right) = \left( \begin{array}{c} -\chi \\ 1 \end{array} \right) = \left( \begin{array}{c} -\chi \\ 1 \end{array} \right)$$

b. From (a) A(5) u, = (1 -1)(1) = (0) D(25) N5 = [0 -1] (-1)

3. S1. 4 = S5.4 = -4 => S 5 5ign module 4. P15 = {w+ S ) v ∈ P }