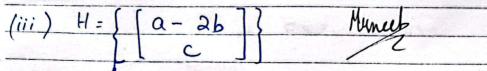
| | Muneeb Lone DS-B |
|-------------|---|
| 1 m | 23i-2623 |
| 3 | ASSIGNMENT #4 |
| 1 | |
| | (i) H-{[a] } thingel |
| 100 | (i) $H = \left\{ \begin{bmatrix} a \\ b \end{bmatrix} : a + b + c = 0 \right\}$ Humselb |
| | |
| 3 | This set is a vector space as this set is closed |
| | This set is a vector space on this set is closed under addition, scalar multiplication and has a zero vector. |
| | a zero vector. |
| | Kal-Ikal-For any Salarak. |
| | ka = ka = For any Scalar = k; |
| - | [c] [kc] Ka+kb+kc |
| | - K(a+b+c) |
| | $\begin{vmatrix} a_1 & a_2 \\ b_1 & b_2 \end{vmatrix} = \begin{vmatrix} a_2 & a_3 \\ b_4 & b_4 \end{vmatrix}$ |
| 1 | bi = bz = 0 - Multiplication |
| | Given Vector: [a] |
| | $a_1 + b_1 + c_1 + a_2 + b_2 + c_2$ $b = 0$ |
| - | 0 = 0 - Addition [c] |
| | (ii) H= [[a] |
| | b = a + b + c = 2 |
| | [[c] |
| | |
| | This get is NOT a vector space as this set |
| | 18 not containing a zero vector. |
| | b= 0 = the bight |
| | [c=0] we got o which is \$\pm\$ 1 |
| | PRIPAPERWORK |
| The same of | 마이트를 받는데 보면 보다는 것이 되었다. 그는 것이 되었다는데 보다는 것이 되었다는데 보다는데 되었다면 되었다. 그런데 그런데 모든데 되었다면 바다를 보다 되었다. |

Mines



0-2(0) Hence

az

Space 2070

For a=0, C=2

0 Nul XI XY $\alpha_1 - 3x$ does 0 Null I*MPAPERWORK

