21 + 32 = 0(n2-27--0 $V_2 = (2, 2, 1, 3), V_3 = (-1, 2, +, -3)$ 2, 5, = (1,2,3,1) 157, UZ, UZ, (S) Tetel-> elhagyható ar egyik vektor nigg, hogy Span (5,1,52,53) nem változik. $\rightarrow 37, 72, 73$ nemthin: $\frac{1}{-3v_1 + 2v_2 + 3v_3 = 0}$

$$-3v_{1} + 2v_{2} + v_{3} = 0$$

$$[v_{3} = 3v_{1} - 2v_{2}] \leftarrow$$

$$Span(v_{1}, v_{2}, v_{3}) = Span(v_{1}, v_{2})$$

$$9 elemei:$$

$$3v_{1} + 2v_{2} + 3v_{3} = 3v_{1} + 3v_{2}v_{1} + 3v_{3}v_{1} + (3v_{1} - 2v_{3})v_{1} + (3v_{2} - 2v_{3})v_{1}$$

$$= \mu_{1}v_{1} + \mu_{2}v_{2} \quad (\mu_{1}, \mu_{2} \in \mathbb{Z})$$