$$(2.3) a_{1} = (-1, 3, -4), a_{2} = (1, -3, 4), a_{3} = (2, -6, 8) i b = (0, \alpha, -1).$$

$$b = \beta a_{n} + \forall a_{2} + \delta q_{3}$$

$$(0, \alpha, -1) = \beta (-1, 3, -4) + \forall (1, -3, 4) + \delta (2, -6, 8)$$

$$(0, \alpha, -1) = (-\beta + \delta + 2\delta, 3\beta - 3\tau - 6\delta, -4\beta + 4\tau + 8\delta)$$

$$-\beta + \delta + 2\delta = 0$$

$$3\beta - 3\delta - 6\delta = \alpha$$

$$-(\beta + 4\tau + 8\delta) = -(-4\tau)$$

$$-(-3\tau)^{2} + (-4\tau)^{2} + (-4\tau)$$

3. Ispitati linearnu zavisnost vektora:

$$3.1 (-4, 2, -1, 3), (1, -3, 2, 4), (-2, -3, -2, -4), (-2, -2, -2), (-2, -2, -2), (-2$$

3.2 (1,1,2,1), (1,-1,1,2), (-3,1,-4,-5), (0,2,1,-1).

$$(-4d+6-28-50,2d-3/5+48+50,-d+2/5+3/45,3d+4/5-8-25)=0$$

$$(-4d+\beta-28-50)2d-3/5+48+50)-d+2\beta+38+6,3$$

$$-4d+\beta-28-35=0$$

$$2d-3\beta+48+5=0$$

$$-4\beta-148-50=0$$

$$-4\beta-148-50=0$$

22-38+48+50=0

- k + 2 + 3 + 3 + 6 = 0 3 k + 4 + 6 - 8 - 25 = 0

-d+2B+38+8=0 -4d+B-28-35=0

36+43-6-28=0 L

3.2
$$(1,1,2,1)$$
, $(1,-1,1,2)$, $(-3,1,-4)$

3.1
$$(-4, 2, -1, 3)$$
, $(1, -3, 2, 4)$, $(-2, 4, 3, -1)$, $(-3, 5, 1, -2)$; 3.2 $(1, 1, 2, 1)$, $(1, -1, 1, 2)$, $(-3, 1, -4, -5)$, $(0, 2, 1, -1)$



 $\frac{1}{15} + 108 + 75 = 0$ -23 - 108 - 55 = 0

- d+2 B+38+8=0

-/5-28-8=0)+ /5+108+78=0+ -2/5+108-58=0+2

(γ = δ=β = X = O





-7+5b+2+3c=0

-(3-8-58=0)

-35+148=00 -x+2/5+8+38=0 -13-5-28=0 25+48=01