$$\begin{vmatrix}
x + y - z = 6 \\
2x - y + 2z = -1 \\
y - y + \overline{z} = -2
\end{vmatrix}$$

$$\begin{vmatrix}
x + y - \overline{z} = 6 \\
2x - y + 2z = -1
\end{vmatrix}$$

$$\begin{vmatrix}
1 & 0 & 0 & | 2 \\
1 & 0 & 1 & | 1
\end{vmatrix}$$

$$\begin{vmatrix}
1 & 1 & 0 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1 & | 1$$

$$\begin{bmatrix}
1 & 1 & 1 & 2 \\
0 & 0 & 0 & 0
\end{bmatrix}$$

$$X + Y + Z = 2$$

$$Y = P$$

$$X = 2 - P - 2$$

$$(2 - P - 9, P | 9)$$

$$\begin{array}{c|c}
3 & \begin{array}{c|c}
1 & -1 & 6 \\
1 & -1 & 1 & 2 \\
3 & -1 & 1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
0 & 1 & -1 & 1
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & 1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & 1 & -2 \\
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
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1 & -1 & -2 & -2
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$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
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1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

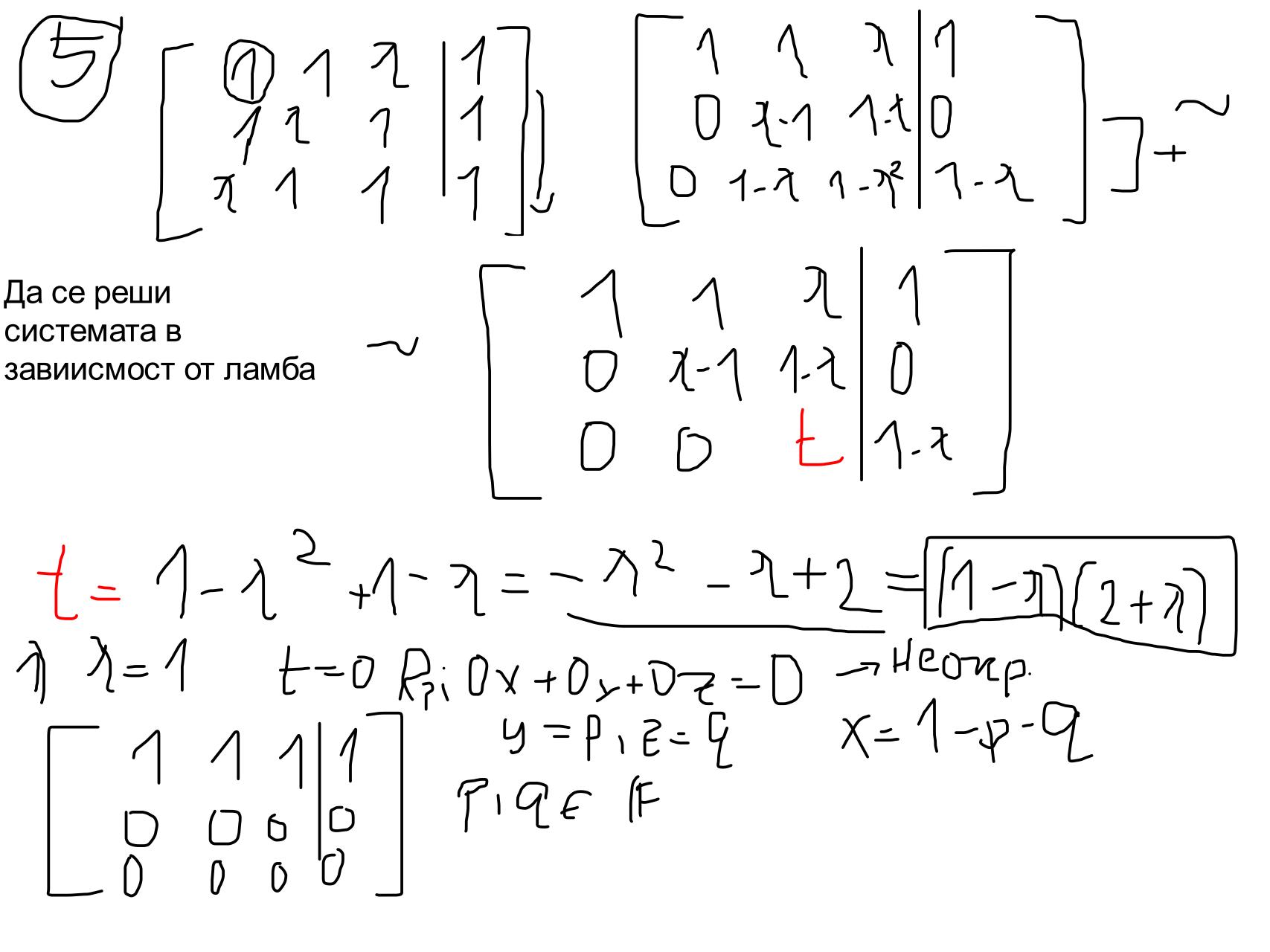
$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2 & -2
\end{array}$$

$$\begin{array}{c|c}
1 & -1 & -2
\end{array}$$

Xoneozehhu MeirMu - CEOSEGHATE KURCH. CA

Heboro peniethe Coutain & pomenne JX+3y+2-0 3x+147-0 X+2y+5>-0



)] = -1 несъвместима 7 x {1,-23 => + 7 $\frac{1-1}{1-1} | (\lambda-1) \times_{2} + (1-1) \times_{3} = 0$ $\frac{1-1}{1-1} | \times_{2} = \frac{\lambda-1}{1-1} \times_{3} = 0$

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

$$\begin{bmatrix} 2 & -3 & 4 & 1 & 1 \\ 6 & -3 & -4 & -1 & -1 \\ \times \begin{bmatrix} -1 & 1 & -1 & 2 \\ -1 & 1 & -6 & -1 \\ 11 & -6 & -1 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline 7 & -4 & 0 & -3 & | & 0 \\ \hline -1 & 1 & -4 & 2 & -1 \\ \hline -1 & 1 & -4 & 2 & -1 \\ \hline -1 & 1 & -6 & -1 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -1 \\ \hline -1 & 1 & -6 & -1 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & 9 & | & 2 & -4 \\ \hline -1 & 1 & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & -4 & 2 & | & -4 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & -4 & 2 & | & -4 & 2 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 \\ \hline \end{bmatrix} \begin{bmatrix} -2 & 1 & 0 & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | & -4 & 2 & | &$$

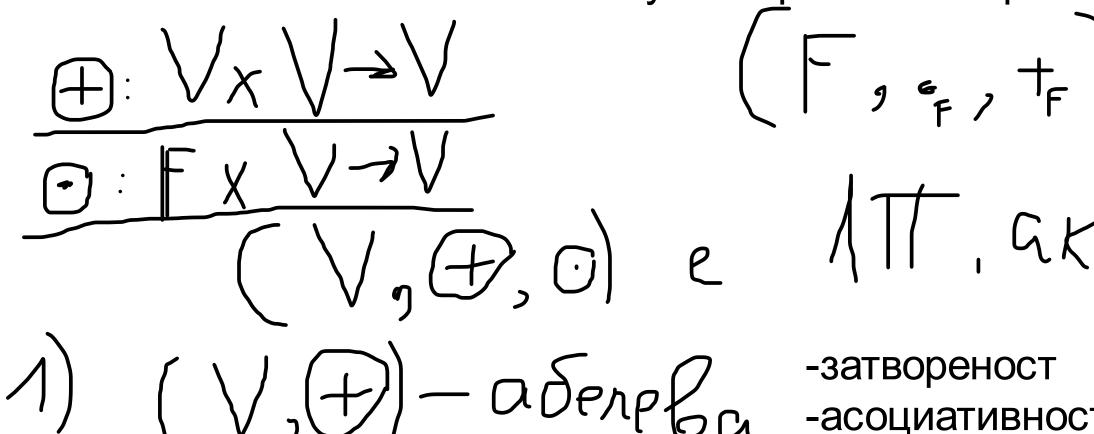
Не избирайте реда или стълба, в който е мюто

Системата е неопределена

ГО - 1 D 5
$$=$$
 | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ | $=$ |

Линейни пространства

Нека F е поле и V≠Ø елементите му се наричат вектори

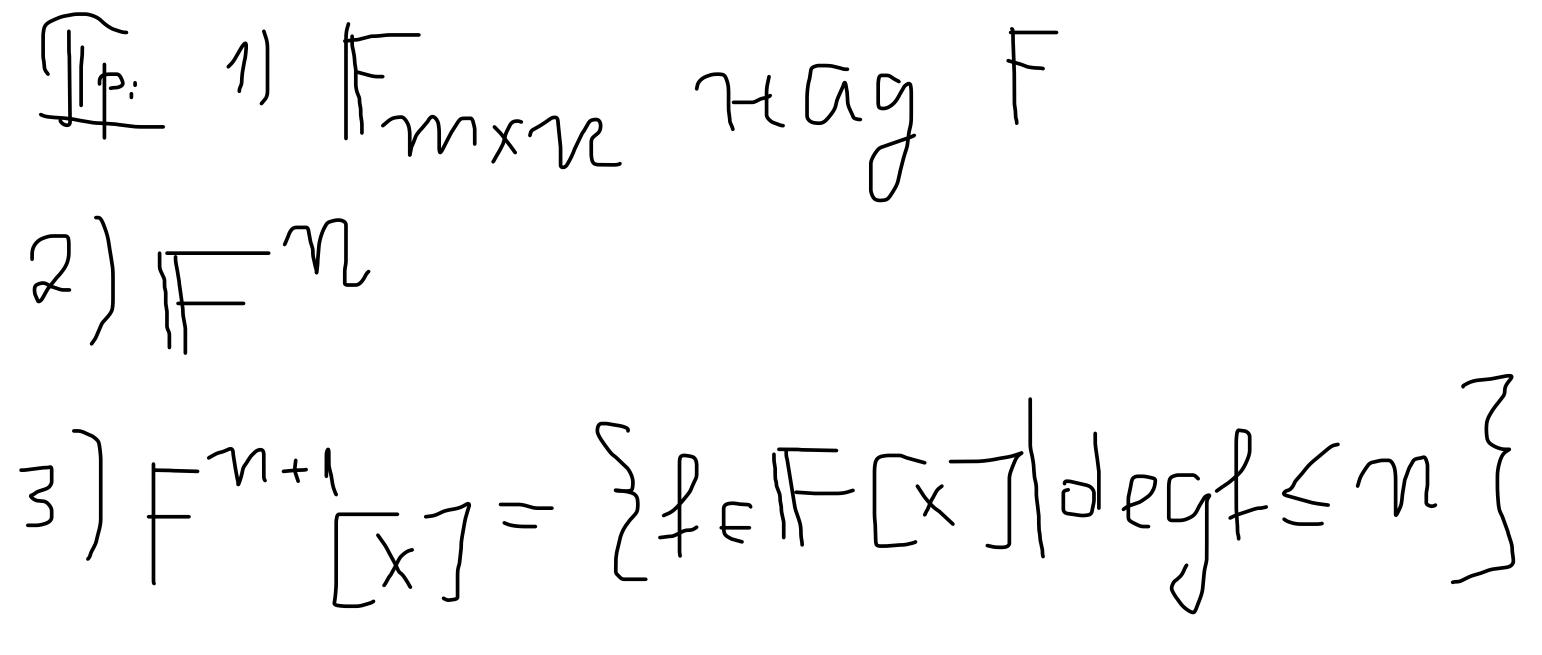


- -асоциативност
- -неутрален елемент (нулев вектор)
- -съществуване на обратен(в случая противоположен) елемент
- -комутативност

3)
$$\exists f \in 100 = 00$$

4) $\exists uc = pu fy \tau u f k uc + othocho скаларите$

5 Дистрибутивност относно векторите JEF.a.SEV 10(0x(F)6)=100(F)206 6) 1, MEF, REV 10 (MOA) = (X.MOA F-15 T_{P} . $V = |P_3 - \{(a.e.c)|\alpha, B.c \in k\}$



Полиномите от степен <= n

(, Противоположният вектор е единствен D-Bo: Heka aEV wa'a"-npotubonon. $(\mathcal{A}'\oplus\mathcal{A})\oplus\mathcal{A}'=\mathcal{A}''=\mathcal{A}''=\mathcal{A}''$ $C(\Phi) = C(\Phi) = C(\Phi) = C(\Phi)$ $\frac{\alpha_{COJ}}{\Delta}$