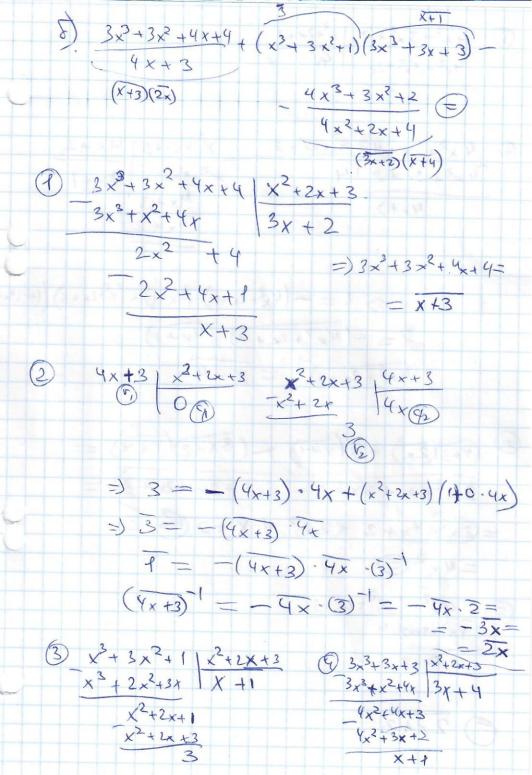
$$= \frac{1}{4} = -(\frac{5}{x^{2}+4x+1})(\frac{1}{2}x+1)$$

$$= \frac{1}{5} = -(\frac{2x+1}{2})(\frac{1}{4})(\frac$$



a)
$$k = \frac{5}{2} \sum_{x=1}^{3} \frac{1}{2} \times \frac{3}{4} \times \frac{3}{4}$$

$$x^{4} + 2x^{2} + x + 1 | x^{3} + x^{2} + 2 | x + 2 |$$

$$x^{4} + x^{3} + 2x + 1 | x^{2} + x^{2} + 2 | x + 2 |$$

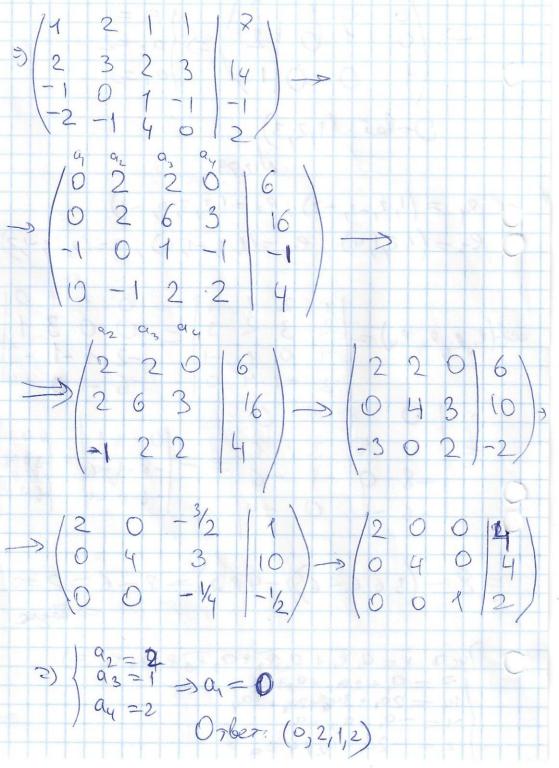
$$2x^{3} + 2x^{2} + 2x + 1 |$$

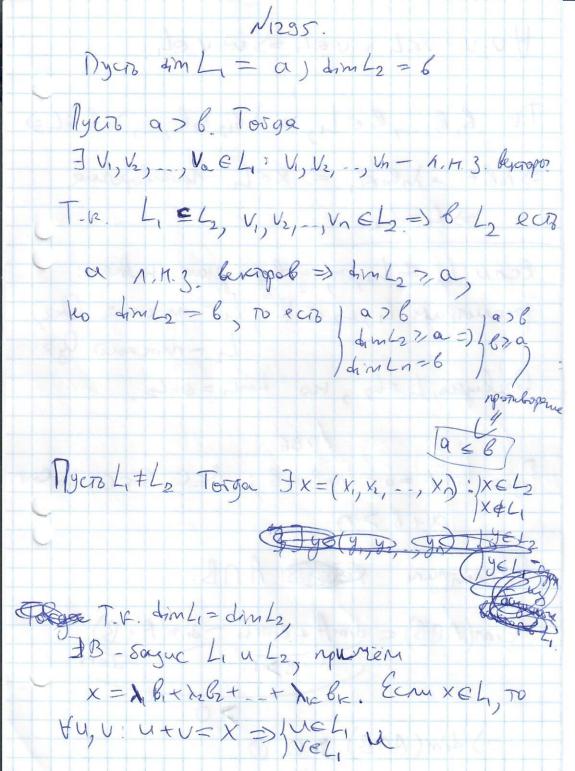
$$2x + 2x^{3} + 2x^{2} + 1 |$$

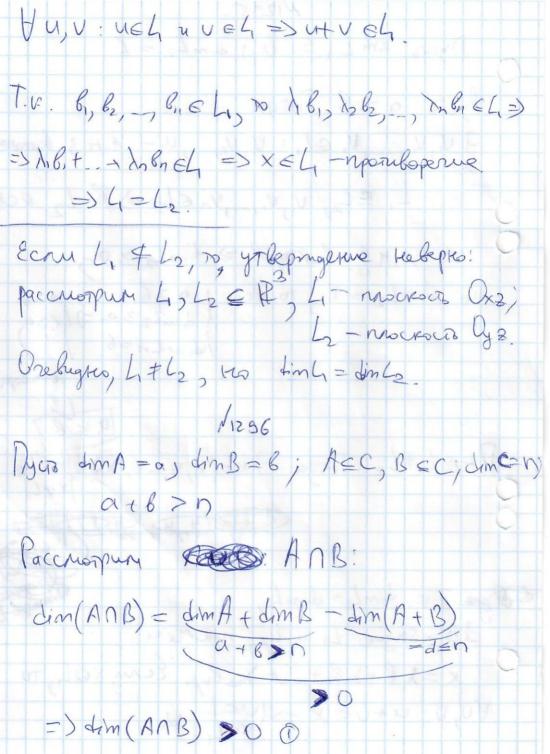
$$2x + 2x^{3} + 2x^{3} + 2x^{3} + 1 |$$

$$2x + 2x^{3} + 2x^{3} + 2x^{3} + 1 |$$

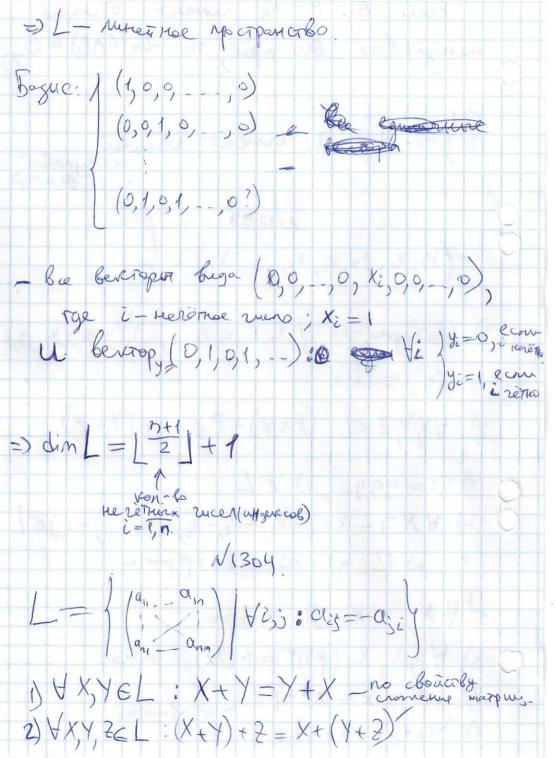
$$2x + 2x + 2x + 1 + 2x^{3} + 2x^{$$







Early An B ke upper odryux renguebrox bereropol, to dm (AMB) = 0 Of 3 A y B unest οδ cyni rectynebor berrop. N1299 $(X_1, X_2, X_3, X_2, X_5, \dots, X_n) \in L$ 1) Oreligno, 200 \$(x, x2, x3, x2, -, xn); (y, y2, y3, y2, -, y2) X+Y=X+X. 2) AX, X, Z ET (X+X)+5= X+ (X+5) 3) 0=(0,0,9--,0) EL 4) YX3-X=(-X1,-X2,-X2,-X2,-,-,-Xn) EL =) (Ls+) - asereba opyrna. 5) \ X 1-X=X - Repris 6) Yy, X, X (MX)X = M(1x) - bepro 7) $(\lambda + \mu) x = \lambda x + \mu x - \text{orelugion}$ 8) $\lambda(x+y) = \lambda x + \lambda y$



3) $0 = \begin{pmatrix} 0 & 0 & - & 0 \\ 0 & 0 & - & 0 \end{pmatrix} \in L$ 4) $X = \begin{pmatrix} a_{11} & a_{12} & a_{2n} \\ -a_{12} & a_{22} & -a_{2n} \\ -a_{1n} & -a_{2n} & +a_{nn} \end{pmatrix}$ $\exists Y = \begin{pmatrix} -a_{11} & -a_{12} & -a_{1n} \\ a_{12} & -a_{22} & -a_{2n} \\ a_{1n} & a_{2n} & -a_{2n} \end{pmatrix} \in L$ =>(L;+)-aderoba pyrna 5) $(\cdot X = X \forall x \in L$ no chourtan 6) $\forall \mu, \lambda \in \mathbb{R}$, $\forall x \in L$ $\lambda(\mu x) = (\lambda \mu) X$ being interverx 7) No chartan onlyayur nag marsurany, (htm) x = Ax + mx $\lambda(x+y) = \lambda x + \lambda y$ =) L - murei noe пространство Bayuc: | Eis - Esi + Eii | Visi=1, ny =) $\dim L = \frac{n(n-1)}{2}$