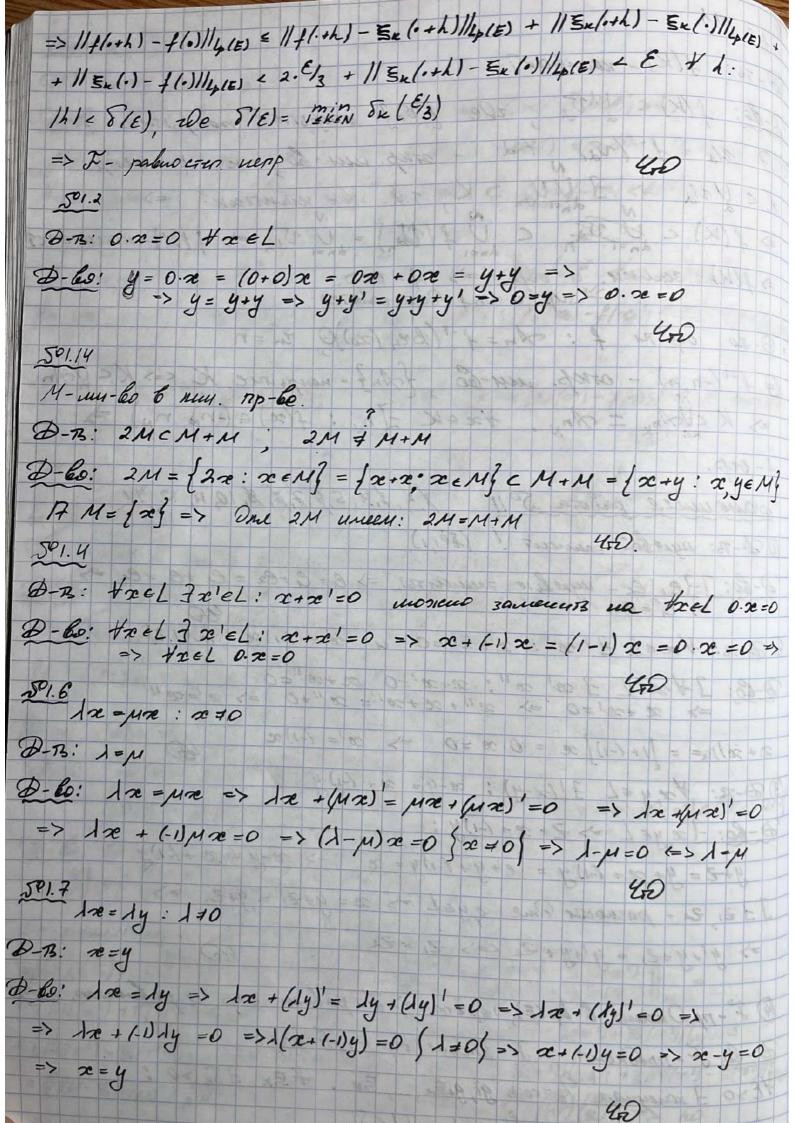
12, 1, 4, 5, 8, 7, 1, 19, 19, 12, 14 Donamuel pavora 5011 DA-B: ugal bai menent! (501,1) D-60:]]e, le - myne bise mener 131. => l= l+l2 = l2 +l4 = l2 -> Q D-B: txel 3!x: x+x'=0 u x'= 1-1) x (No1.3) B-6:] + x = L] x', x": x+x'=0 x+x"=0
=> x+x'=0 => x"+x+x"= x"+0 => x'=x" $x+(-1)x = |1+(-1)|x = 0.x = 0 \Rightarrow x' = (-1)x$ 3 8-7: +x, y = []!(x-y): x-y= x+ (-1) y D-60:] 2, ye L >> Z= 2+ (-1)y: y+2= y+ x+ (-1) y = x+y+ (-1) y = x 2> 20-4= x+1-1)4]] z, z. - pasuocai Ome x yel => x = y+2, = y+2 => >> y'+y+2, - y'+y+ 22 (=> Z) = 2x 40 9 F- pper warm 6 4p(E), 15pc no => J- palmen. orp 4 palmers. ners D-Bo. F- repersons => F- Enoune orp => F-orp. 4E>0] Koneymane = 3-cers S., Se ..., SN . 4 SK 3 SK >0: 115x(0+h) - 5x(0)1/4(E) = 6/3 +h: 1h/< 5x 4 f & F J Sk: 11 f - Sully(E) = 6/3



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A.B: toel 7! passoneume no Jasuey.
 D-60: ] 5, 5, ..., 5n - базис п-мершого пин. пр-ба L
  => tael ]d, de, ..., dn: d, 5, +de 5, + ... +dn 5n = 20 (1)
 ]] tuyé Que pasnosience: B, E, + Be Ex +... + Br En = x (a)
(2)-(1)=> 2-2= (B,-d)=,+ (Ba-de)=+...+(Bn-dn)=n ->
     >> \( \begin{array}{c} \( \beta_i - d_i \) \( \xi_i = 0 \) \( \xi_1 \) \( \xi_2 \) \( \xi_2 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_2 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_2 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_2 \) \( \xi_2 \) \( \xi_2 \) \( \xi_1 \) \( \xi_2 \) \( \xi_
    => \(\frac{2}{|B_i|} - d_i\) \(\frac{2}{|B_i|} = 0 \quad \text{Vieling no N =>} \)
    -> d, = Bi, de = Be, ..., dn = Bn -> paznoniemme!
D-B: IR = (0, +0) - ue mu no-lo c obsidusin caone. u ynu buill uu, eenu tz, y6 1R+ 20y = 2.4, t262 102 = 2x
D-60: 71=-1 => +2 2.1 $ 1R+ => ne nus. np-60.
 + 2 y c|R 2 € y = 2 · y ∈ |R +

+ 2 € |R + + λ ∈ |R | λ δ α = 2 · ∈ |R +
 Barresumi 1) 201 = 201 = 20 tack 1 => myseleci sour 1
  2) + x = |Rt ] = 20 = = 1 => 2'= 2
   Оставные аксионый очевидиям.
  dim IR = 1
 3amesmen: ] 2= 105 = 5 => 1 = log 2 => 5 = 1R+ - Sazue
 201.12
a) x (-x^3) - menorounce no [-1,1] opymentes, no - in mount. op-me -> nes
                                                                                                                                        2-23 = 2+1-23)
8) 155 vénue que 5+5 - vénual que , tre/R 15- vénue
6) 755- moroyneus => 5+5- muoroyneu . A 16K 15- moroyneu
2) ] 5, 5 - unoro 4 neus co sk => 5+5 - unorornen a sk : Vde R de - unoro
0)] 5 & - wenp. Duppp. => 5+5 - wenp. Duppp; + 1= & 5 - wenp. Duppp. ->
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С) Аналогично проводущения пункту ne)-1={2e[1-1,1]: x(0)=0}.] 2e, yeA=> xe+yeA; #16/R 12eA=> 3) A= {xe(1-1,1]: Jx(1)dt = 0}. 1x, yed -> Jx olt = 0, Jydt = 0 => => + /x+y):](x+y)dt = Jxdt + Jydt = 0; + 1 = 1/2 Jxdt = 0 =) u)-A=[xecl-1,1]: /x (t.)-xHe) = [/t,-tel].] x, yen => 12(t)-2(tell = Lylt1-tel, 19(t)-9(tel) = Lylt1-tel * (x+y): (x+y)(t) - (x+y)(te) = (x(t))+y(t) - x(te)-g(te) = = /x(+1)-x(tel) + /g(+1)-y(te)/ = (2x+Ly)/t,-te/=> (00+y) = A # LEIR La: | Lac(t,) - Lac(te) = |1(x(t,)-2(te)) = |1/2(t,)-x(te)) = = 1116/ti-tel => 120 EA => Oa Ober: a) uei ; S)-u) Da Д-В: ми. оборочка L({223) - мил. миогообразие D-60:] x, y & L ({x3}) -> x = Zdxxx, y = Z Bjyj . xx, yj & L({x3}) 244 = 5 dk 2k + & Bjgj & L({2x3) } 12 = 12 dx 2x = 2 dx 2x = L(1203) J => L(1203) - num. muoroaif. 501.10 ·dim/R=1 · dime C = 1 , dim IR C = 2 · dim IR"= n · dime = n dim (= 2n · dim Cla, 6] = 10 T.K. Pla, 6] c. Cla, 6] · dim C [9,6] = 00 J.K. Pla.6] Cla.6] · dim C (IR) = x , T.K. C (IR) CC (IR), a dim C(IR) = x · dim Lp(E) = 00 · dim lp = 10

C Kak Guy. np-Bo.

I lij-Jazue => $\forall c \in C \exists a, b \in IR : c = a + ib => \forall d \in IR :$ $L(a + ib) = da + idb \in C$.