Данамине работа 2014. 21, 27, 213, 24, 2.5; 3,1, 3,5, 3,4, 3,5; 3,8; 4,1, 4,5, 4,6, 4,6, 4,6, 4,12, 4,5 Д-В: 4 конечномерное пори пр-во - банахово D-Co: 1x - Danie np-lo => re x: re = 5 nx dx, we ldagain - Jasue Консупомерное пр-во => + 2 морты эквиваленты. >> ЭС: mare hel = C/12/1 H se = X.] [20]= C X - gyur, we z= Ezide Towa uneen: Herman /2 x - 2 m/ = C/2 - 2 m// = & H n, m > N(E) => => [22 3n=, - gryw ->] 2x = lim 2k -> //2" - xe/ = // E xe/dk - £ 22 dr. 11 = 11 £ (22 - 22x) dull = £ /2x - 2x/11dx 11 -0 400 11 Plan = mare 1P(1)1; 11Pla = [11P(4)12 St] (P, 11-11(1)), (P, 11-1/w) - Sau. np-leo? Penseume: P buody mario & Cla, 63 (T. Benepurpacca) => 46>0 4feclass I p & D: 11 p-flicia, 03 ¿ E => D c Cla, 6] - ne samue => ne samazolo. (P, 11.112): 1/p-f/1/219,81 = []/p-f/dt3"= 1/p-f/cla,82[Jdt]"= = 18-a 11 p-f/cla,03 < 18-a E => 3ausinance 98 Le(a,6) corepnen bee f & Cla, 67 => Pc La (a, 8) - ne San -> (P, 11.16) - ne San Orbei: Her Ести замения Риа Ра, по оно будет бана говым с У пормай, Т.К. конечиомерио. 502.3 X, 11.11) - Sau. np-lo; 11.11, 11.112 - 2n8 Д-76: (X, 11.112) - бан. пр-во D-60:] {xn/n: CX- pyrid no 11.112. 1/2-20/1 = C/12a-xn/1 6 cury 3x8 => 1/2m -2n/1, = C 1/2m - 2n/2= E + E>0 +n, m > N(E) => {2n3n=1 - grycel no 11.11, =>] r= lim ren no 11.11, => 1/2n - 7e/12 = C/1/2n - 7e/1, ->0 => eenu (X, 11.11,) - Sau., 50 4 (X, 11.112) - Sanaxolos.

J-B: X'c X: clx'= x' - Sau. np-le 1.60:] [angue => [angue =>] ze= Limzen : xex, 70 clx'=x' => 20 x' => x' - Sama 20 60 203151-11211-11211/2 => 3/125/1/ = 1/20 + 20/1 = The sale to the sale - 1/201/ g-B: (an, yn) -> (ae, y) = 10 1 (on so) += 10011 111211 4 11211 11 11211 Q-60: \((xn, yn) - (xe, y) \) = \((2n, yn) - (2n, y) + (2n, y) - (xe, y) \) = = /(xn, yn-y) + (xn-x,y) / = /(xn, yn-y) / + /(xn-x,y) / = [||xn||. ||yn-y|| + 11xn-x||. ||y|| ->0 => /xn, yn) -> /x, y) 100-0 8-B: 112+4112+112-4112 = 2(112112+114112) (a) +24 E 112-2112+112-4112= 11x-411x+2/12-2(2+4)11x 47,4,20 E (8) D-60: (a): 1/x+y112 +11x -4112 = (11x112 + 1x, 4) + 14, x) + 11411) + + (112112 + (2,4) - (4,2) + 114112) = 2(112112 + 114112) (8): 2/12-1/20+4)112 = 2/12-2+3-2/12=2/2(113-21/2+112-21/2)--112 + 21/2) = 2 (2/112-21/2-112-41/2-41/2) = 112-21/2-112-41/2-21/2 => 1/2-20112+1/2-41/2 == 1/2-41/2+2/12-1/2+4)/12 23.4 E-chemidoleo np-lo. D-B: 0=(20,4) (=> 1/20/12 +1/4/12 = 1/20+4/12 D-60: 11x + y112 = 11x112 + (x,y) + 1y, x) + 11y112 = 11x112 + 2(x,y) + 11y112 => (x,y) = 0 <=> 1/20+4112 = 1/2112 + 1/4112 1 E- yuntapude up les 2 1/2 + 41/2 = 1/21/2 + 2Re(2,4) + 1/4/12 (2, y) = 0 => le(x, y) = ke 0 = 0 -> 1/2+y112 = 1/2/12 + 1/4/12

2, 2, e E, Re(x, x2) = 1/2,112 ±1/2x12 2-60: Oyelawo: 2 Re (2, x) = 1/2, +12/12 - 1/2/12 - 1/2/12 => => 21/2/112 = 1/2/4 2/2112 - 1/2/112 - 1/2/112 => 3/12/112 = 1/2/4 + 2/2/12 - 1/2/2/12 = = $||x_1||^{\frac{1}{2}} 2 \ln |x_1||^{\frac{1}{2}} + ||x_2||^{\frac{1}{2}} = ||x_1||^{\frac{1}{2}} + 2||x_2||^{\frac{1}{2}} = 3||x_2||^{\frac{1}{2}} + 2||x_3||^{\frac{1}{2}}$ => ||24|| = ||22|| => ||21|| = ||22|| = ((2, 21)) ((22, 22)) => 21 = 22 $\{x_n\}_{n=1}^{\infty}$ - ops. cues. βE , $x = \{x_n\}$ 2-B: 1/2011 - E 1/2x112 D-60: {xngn=1-0ps => (xi, xj)=0 +i=j, ti=0 ti $||x||^2 = (x, x) = (\frac{5}{2}x_k, \frac{5}{2}x_n) = ||\frac{5}{2}x_k||^2 = ||x_1 + x_2 + \dots + x_n||^2 =$ = 1/21/12 + 1/22/12 + 1/23/12 + ... + 1/2011 6 cury oprozona 13 nocty => 1/2011 = 5 1/2 x1/2 Cela 63 - muss ? Римение: В прошлем самение было доказамо, что Са14,63 с g(x,y)=[] [n(t)-y(t)] dt] ul eln. nouver es ne uns. Osber: nei 204.3 12 x 3 x CH - ops. cusuna D-B: E 20x cre-cre (=> & 1/2411 cre-cre D-60: 1 Sn = E xx 118n-5m11= 11 3 xu- E xx112 = 5 11xx112 => 5 xx cx-ue (2) 3 11xx112 cx-ue

Текун=1 - оргонори. в Н / 1 м/к-1 - числ. посл-3 WE WEN 2-B: Elker cz-ce 6 H 6> Elke/2 cz-ce J. Co: 20 = Nx Ex - opronopm. & H 2> Ex. 22 = Shulle - M cre-he => & 11/4 eu/12 cre-ce (59.3) => & 1/41 cre-ere 11.490 2 (2) 6 14 CAD 1 1 : 1 1 (1) = 0 110000 4-9 6 (6) 84.8 (2n3n=1, {yn3n=1 c clB.(0); (2n, yn) ->1 1-73: 11an11 -1, 114n11 -1, 11an-yn11-20 8-60: 1(20, 4n) 1 = 112011 114n 1151; {4ngn=1 c cl Bilo) => 112011 114n 115 = || col = | 5 | 0 | 21 = 1/20-00/14+ ((2n, yn) = 1/2n/1-1/4n/1 51; 1(2cn, yn) -> 1 => 1/2011-1/4n/1 -> 1 => T.K. //2cn/1 51 TO Man 11 - Anaroumno Myn 11->1 1/2n - yn 112 = 1/2en 112 + 1/4n 112 - (2en, yn) - (yn, 2n) -> 121 -1-1-0 => => 1/2n-yn/1 ->0 2018 6 4 HORY OF PART OF DO 1 SENDE OF BOX ret. L: Lett, cel- = L + mon 0= 8 1/12/2/3 50 = +H D-B: xIL => 1/x1/21/2-4/1 ty EL Q-Bo: @ 20 LL => 11xe-y112 = 11xe112 + 11y112 - (xe, y) - (y, 20) = Hall +11y112 > 11xell => 1/2/1 × 1/2-4/1 @ H=LOL- => x=l+h: LEL, hel 1/21/21/2-411 => 1/20113 = 1/20-4112 12 116+4112 = 1/6+4-4113 112112 +11/112 = 11e-4112 + 11/112 , T.K. Elh, e-41h => 11e112 = 11e-4112, y-4 => 3 y=e => 18y 11e11=0 => 20=h = L+ => es reEL 400 \$ 4.10 MCNCH D-n: ML = NL D-6: I re N+ (2) (x,y)=0 tyen >> (x,y)=0 tyen, T.K. MCN >> 2) REMT => MTONT 400

504.13 La= MON M. N-? Peurenne:] M= {xele: xex=0 + k > 0}, N= {xele: xex=0 + kin} 504.14 x(t) e M c La(-1,1): x(t) = 0 nouse + t e(0,1) D-B: M-3anny 41-?] [xngn=1 = M: 2en -> 2e = Le(-1,1) => //2en - 2e/Le(-1,1) =]/2en - 2e/dt = J/xn-x/2dt + J/xn-x/dt = J/xn-x/2dt + J/x 1dt = J/x/2dt +0 -> x =0 nouse ttelo,1) => xeM => M-3amm. ·] ye MI => (2, y)Le(-1,1) =0 +x EM => Jx . yolt =0 + x EM] x=0 +t=(0,1) x=y +t=(-1,0)=> /xyd+= /yyd+=/1912dt=0=) nouse #t = (-1,0) 4=0 Ecnu nee y=0 nouve +te(-1,0), to Joe gdt =0 taceM >> ye M1 => M+= / x & Le(-1,1): x = 0 nouse \$ t \ (-1,0) \