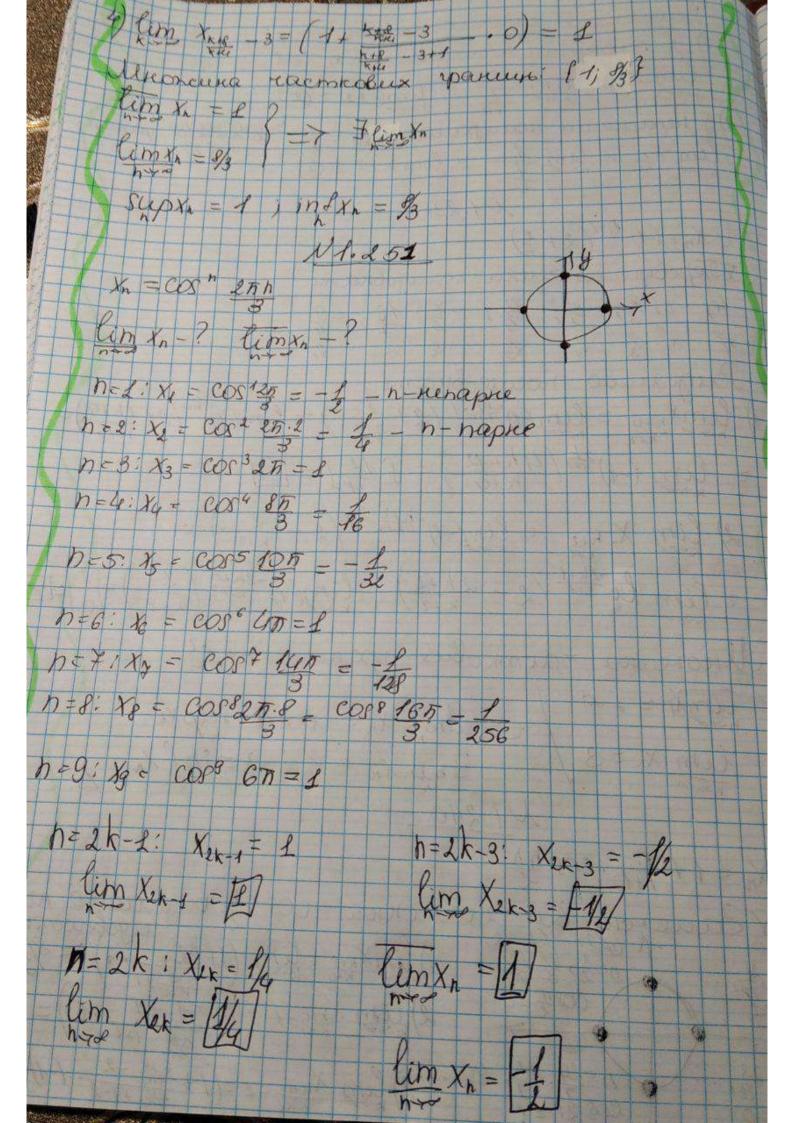
modino nocuegobrecomo e zinocimaro reoro. Tionanecueo, uso (xn) odiciencema zepxy. Diecno, gen ne al (1-1) (1-1) (1-1) (1-1) (1-1) (1-1) (1-1) = 2-1/2 more, za mesperioro no sparingo monomonia. hourigobnoemi orhungeno, uso nouigobricomo (Xn) 30 ma, howevery an + 5, n +~ 13" nraz Chagnoi houigobrocmi exbibanerma go repibricon Xn = Xn++ >0 Tame Xn = 3" possuerence  $X_n - X_{n+1} = \frac{3^n}{h^5} - \frac{3^{n+1}}{(h+1)^5} = \frac{3^n(n+1)^5 - n^5(3^{n+1})}{n^5(n+1)^5}$   $= (n+1)^5 \cdot 3^n - n^5 \cdot 3^{n+1} = 0 \cdot (h(n+1))^5$ (n+1)5 3n-15, 3n+170 3" ((n+1)e-3n5) 70 3 myo (n+1)2-3 n5 70 Chirone VEW, mo Haureenue namypanone Eucus, uso Haverceuto noacionory, N=2 ) B! nocuravou 3 N=2, hourgobricomo & workomention

(xn) 301 ((40) (three) (pew) { 1xnp xn 1/43 Ind - Inspect Lines & Ge Co 2 notes of Rhumepite Rouei: (JUEW) (Hear) (Xnip XI/4) Saneperenne khumepiro Kouci: (Dag to) (VN fN) (3n tN) (3p fN) (1 Xn+p-Xn) 7, 643 obecomes uso emporo enagas, an in £, Xn+1 < Xn 3 Dzn. 3 gia uono romo V Hepthicmo посидовності еквівалента до первност Xn = Xn+1 >0 Xht1-Xn = (1-5)(1-5)--(1-1)/1-1

2011 U40001 nx = -201- 540001 Chinoku NE as mo reasurence natyparoke Paris upo requesceurs repareincias su s. J. B: normance 3 de l, nochigobricomo & montroso. In = (1- (1- (1- en) VO nokancemo, up (xn) - juotiomoruo znamarora 2 Ocuigo bricomo Knss (1-1) (1-1): (1-1) (1-1) - 1 Jones 71 - fry 70, & 2n4/0 @ nokanceuo, 40 (xn) - Oduercena gropu noto. Ge виниває з нерівностей ln Xn = ln (1-4) (-4): - (1-4) = ln (-4) + ln (1-4)+ + ln (+4) OS S= 61 Umace, en xn < 1 e laxa Let 1 Xn Le @, @=+ n-76 (Xn) - Zoincha

n=1 x1 = 1-192 = 5 n-3: x3 = 3 192 = -5 n=4. X4 + 1-10 2 = -51 Beginne nignoenigobricos: 1) 3 rapsemme raneparent 2) 3 renapremue rougailles n=2k-11 X2h-R = 1-192 = -5 Cim x = +5 lim / = - 31 Dallaure pocoma (3 8) NJ. 197 In + 100; n 7 al Flepiblicano Xn 7 Xn+1 3 Bu. 3 que monomonnoi chaquoi Due xn = n + 100 poquerenco repronocani Xn = Xn+1 >0 Xn - Xn+1 = n+100 - (n+1) + 100 = 100 (n+1) + 100 = = 100 n+ 100+ n2+n+100h = 201n+100+n2 +0, h² +201n+ 100 yo E> n² +201n+ 100 r0 h² +n 201-201-400-201-400-201-20: =(201-20) 201+20) = 181.221 = 40001



recupanie: 4) 3 непариши Act 23. 11.238 resu rocaigobracmi uno nocuigobracmi: -) = lim(4) = (2 + 2 k +4) = limXxxx = lim fo (4 h+12) racmobux paruys (3) + 23 reorderea Frax Xn = Xx = 4 = supxe Frinkh = Ke = -3 = 1h f Kn 1.240 = 1+ n+1 . eos nh biginens his highoch Bauerono big znavenna h=3, 8,19,... CO17 =0 9812 7 n=24, 32, 40, COS 2n=1

