Ocholostal Korchmung Xx, xx, Xn - ruge was 56 9 Xn} Vancer 11, 424 .. - Repulsioner will wient work I'm X - objection rules Xn= 17 - 7 2, 3, 4 Pengppermuchi enocoo: zeegacinas XI v upalines ongegaciones 11-20 ressa as (11-1)-uy: Xn = f(Xng) X=1, X=NXn, X1-1, x2 = 2 | X1, X3 = 3 X2. Ener be 21. n- the (xn) palmer ognavy a navy new rucey C, to be stagged non notworked The try reagon organizerrai, lang cysecond, rucus Mro, marise mo gue instoro no M liverar i la XXX M 17 th (Kin) mayal, very , law gur notors navour male M cyclembyen 26 1 Xm Januar notes grobed welly 1x0 >M Becomerno manue y Decron Tollowne n-in (++3- Jeck usuar eau que instro nuovamentorias ruche à agreculien usus N master, mo vyu noN lumamasumo suglo lin/2 & 1×17- 5/5, law gua sporo raisucumatorios ruesa A cycigeanbyen nouse N maxes, un upu n > N lumain nep-la /x / > A Il: Each (xn) - 5/6 n-to u xn to Vn, no n-to (xn) - 5/4, u, agranmo, cam ton) - 8/w n- 26 u Into Vn on 4-26 / In (- 8/8 08-la S/4 n-4. 1. Genera " passesant glyx of n " land Secronerus untar n-16 2. Raporglag Styse often n-is come often n- 26 3. Promplezepuse orpore n- Tri ma S/w n- to canto 8/w n- 16 Thegen marolon in the

Turns a-ngeger ruce. n-In 2x, J. eam 42 >0 3N: n>M -> |xn-a/22 Teau cuercu margala n-tu; lim xn - a oznaraem, uns qua modori E ong su mo um a navigenica Kam rucus IV, mo lice zocaresuna Xn, gla Komopoca N-N, nonaggin 6 E-onp-16 morning a 17-16, unerousaa negen, reagul. exogenyema (h-1)-my; 7-76, rel abe coog, reagont passogrupaines Ty: Yuar. n-76 (xn) wellem downe meganer wears a morgon maloto morge, norga usodore 31-1 n-W Moncres rangemalients 6 luge en = 01+dn, rge 1dn} - S/11 n-16 Ob la escag, n- Iu: nagula. 1. cocog. n- To willen maioro oguse njemes 2. Cscog n- 16 Orpaniurena 3. Thormannens n- 56 Xn=C willen upegar, pabrion rucy C, m.e. linc = C 1. Cymun / P-76 gluys cocog n- n (xn) u tyn g ecut cocog n- 76, nyeger komopon police cymule/p-Tell nalgoros n-in exis in tyng: lion (xn = yn) = Lion xn + Lion yn 5. Lim (xnyn) = Limxn Limyn

n > 10 xh Limxn > 10

6. Lim yn = 11 myn

n > 10

n > 10 uep // Poromure op-4. Chocodar zagancia p. 11 y=f(x)-q-a, rge x-regalues. repensences (querence q-y), a y-zab repan (zneir. g-n) cow zons f- 3-4 coombemanleur Ope zharesuna, nomopial nyunusteaem negaliu ropen, obrazy rom dem lo znavi. Q-4 ME) acu dony-Bee juice, compare yearencem zab. nepeck, organizarom Bee 3 searence, Konopiae npuremenden negal nepan compagnom obvacent one por Off Bre zorareour, nomophe npunumaan zab. nep., oxprey un lo zreat. p. n Elf) Ocolemonic omorchasens D(f): 1. Три опинании Р(Е) добной р-и изимо исшногить значения артумента, ум & Ecul asealum levipane que cogephan lopepet rem controsue no non ormaciasione Diff aprin nou vom. nogresop best - nousemealin supres greatering

3 чами онешит. вире Ф-и содаринит могаридам, но при отвенании искиночения зоксичения арт., при которых выре под зачания вогаридися примини JAX Ponyley zocareness a ospocery & regul 4 have ascarium losep e p-4 cog. Espannesse repursor. p-4 accsión a ancces, no igni Pманеонедония D(f) виночания тогок те змагения ара, щи которых выр-я, станци nog zovanou smeec qo in, no mogymo ne melococogom equocuyon 17: Chocoder zagant 9-40: 1. Англии . Сп.б - ф-а задаетая одной или педположими ф-им gan y = x4, y = x-2, even x >0 Cone 2. Tadurologi en-5 - p. a jagaemas madringen paga znakerenti aprojuenina y coord do. no zacarerum op-un 3. Tragouremen con-5 9-2 zagazenco maquelon 4. Cudecount en-S - q-a muciolarmos palemen le exemabiliamen Occadence Day- Kn op- in 1. Tem/ pierem y=f(x)-ran, eaux P(f) cum consommetors o u qua usosoro x e D(f) -> f(-x): 4 of - a we also rem men never wayob. of it others lenga 2. Monomorestocrals y = f(x) - logrown, even yx1, x2 & X, maries your x12x3, leversen. Hep-la f(x1) & f(x2) (f(x1)) to m. e. Souveny zuak aprymenma ny omoro njanencympa combenentyem Salvente zwar 9. P-4, logs a youl na mouluguse, reagul curpors designousemente Com + x1, x2 € X, yorke you -10 x1 € x, lionain reconorse very la f(x1) 4 f(x) um F(x1)>f(x2), mo go-a reagent. regolalorousei men relognamasonger 3. Organireonomile Q-a-organizennas en 7 M>0: VxeX -> IfixI & M 4. lemogurround (p- a neprogramma, en 3T>0: ∀x eD(f) → (x-T), (x+T) ∈ D(f) uf(x-T) = f(x+T) = f(x) T- henring op- in Ochdreon repusy- beaute in le nouvementomore

тия обранный и стопоной ф-4 fl aiguero 744, x2 = D(F) -> F(x1) + F(x2), maga xy = E(F) 31. x = 9(4) = D(F): y = F(x) narounce D. a x=9(x), onjegerenna sea E(x) reague opparmeni qua E(x) os, no hou D. W. muerouges organiques, veazoil, organimento - 91, ausonique 43- F(X) 4 y= f 1(x) - Games organisor 12: Even y: f(x) 1 (4) the week to x, mes get free the appearation ft, 4 over 116) we will zuvrenni gangion p-4 высто масонедения обранцион Ф-и: Негити Ф. ю, браница спрого могнотомий q-u y-f(x), uguns nouerant necmanu oyuba Xug, me manucamo x-f(y), n ug ia 4 comb nargrenson p-la, xax ug zp-9, vainme y 12: Trapure q-i g=f(x) u y=f(x) curus. Omnocumelono youlan y=x Theger of u & morre u rea decumeroscom 14- f(x) onregerems 6 recomposi orp- En morker to Tuma A - ngeger q-4 y= f(x) & morre xo, earn gen modoù caoquegeñoù x Xo m-En (xn) forgrunder znak apynama, omellaler con xo, n 26 {f(x, 3} coast zoe- i p-u eses \$ (-x)= fb gumes & rucus A. Ocognarason lim f(x)= A wen f(x) > A you x >> x. Teaux. Culbrue. npegera: Lim F(X)= A ozacaracin, uno XX comb. zuarenun op-u xox groges nano omenzaromes our ruals A f(x1)>f(x2), Onjegenerine no Rome: Tucus A reagab. npegeran q-in y=f(x) 6 morne xo, eam qua zmar. 9-11 40000 rucha E70 7 670: Vx xx0 - 1x-x0 146 => 1f(x)-A14E lean. Culvere megera: Lim f(x) = A ognar, smo & E-oup-in mount A neutropenco manne 5- orp- To morker to rue gran Celoc X + xo uz man 5-okp-pu coard zovar. g-iv f(x) ilmoon ×2) mu B &- oup- For morker A y 18=f(x) T)= f(x) Af. XOFO x0-8 x0

Operanoporenel helpeun Tucus A1 (A2) peogod nyabone (rebow) megeron q-4 y= f(x) 6 morne X0, cum ina m excepulation a Xo noch cu (Xn) 21- the Xn company Salvine (menous) Xo, cool n- 26 If Lang } zwar op - u cocogumca x rucy A1(A2) Lim f(x) = A1 helden a maloria megerlar co-u receptor ogsevernoposiseensen megerlanen The top 17: y=f(x) ruccem & morke xo meger morga a matoris ninga, nonga & smoti morne cyclenty How wan making, man a selvour megents, in one palents. Boman augrae megen of a prober ogreom megenan Preger Go-u yu x > 00 Your A major megetion of u y-f(x) nou x > 12, lace gla exodor Secremento Jone 20 alore N-M 2× n 3 znaveremi agreemma n-to effexn} g coomb, zocareveur go-n cros-3. Tz gumes & rung A . Lim f(x) = A Tean. award upagena! Lim fix1= A oznar, zus 48-oxp in moran A \$ 50; x2-5 X> 5 cook zararenua p. u flx) nonagaron 6 & - oxp. I6 mount 15/5 u 5/m q-4 9-2 y= f(x) mayorb. 5/5 ym x > x0, com 4 2 > 0 3 5 = 5(E); xx yould reply 0 < xx0 15. -> (E(x))>2. Cim f(x)=v> 2 Earl F(x) conject. K to now x -> xo a now recollection market & greatevella, no rungen fin Fit = + 10, ear mores @ zocar, no lim f(x1= -0) 4=f(x) - 8/5, acm 4 = >0 30=0(2) >0 4x 1x1>0 -) f(x)) >4 9= f(x) - 5/11, earl lim f(x) =0 Wola of my in 1) Are exercised document resones of a prin como other of a [2: Dua lebenamence p-la Lim FIXI: A proof cogues a gormamorpes, musica p-a A(X) - F(X) - A Some S/M youx + Xo 13: Cam 21x) - 8/m gs - 2 mm x - x0 m 2(x) +0 mm x +x0, mo g - 9 2(x) - 8/8 mm x > 60 mm Ty: neger cyrund (pagnama) gluge op-is paben cyrus (pagnoonies use apeguros Lim (f(x + 9(x)) = fin f(x = 9(x)) Is rougheren gluss of in maken mongregown use

To year vacuus rater raconsany upegent you favolen, muo spegen generale xo tim f(x)=4m h(x) = A, f(x)=g(x)=h(x) => Lim g(x)=A

tim x>xo

Sameramentorial yegenor coord n-26 Un gus Sozkarerens momecul The megal commonwer curryed x ero apriquently paleg equality, inga x > 0 morne cycleculs. tim & - 1 - heplion fameranewow yeeger Eugenburg 1 6 Cim 21x) = 1 megen of u 2. Com sink 1 menno Jone 3. Lim X = 1 1 go-11 coop -Ti hyeren p-n f(x): (1+x) upu x > 00 palen runny e tint1+x) = e - lmopour power magnes 1, lim (1+d(x)) = e 0 < X-X0 45 -5. lim x = 1 Packpunia meory positivition mural Cufran, Bumppoux nogenandona njegenous zorarenna 8 p- 40 ne gaen zorarenne yequa, Kajulason Mospegenessovomenen \$, 0 , 0 . 0 , w - w , 1 0 , 0° Meonregenensound linga 00 moder pacepount meono buga is, zagarnyno omnowenuse glego urenore, reago "mai is i zn-16 paggerime na compre bucongo long. 6 min emenente X, a zeme repetition & upegany

Term unesem mong bugs to bangrase horas of it, no agricos I-16 u zorom is Lim 1-3× = Lim 1 = Lim (3)+1 = 0+1 = 1 Hompegenerosomb luga o hnow parapount worp luga o, zaganneyes onnemenuen plyse unorane rago 6 2-re a 6 zor-re lengemento experimentockinis cere-els (un-16 =0 you upeg zuer. x) u corpaniums fra new (x-2)(x-1) x-2 4-2 1 Lim x2-4x = [0] = Lim x(x-4) = Lim x = 4 = 2 Unitro parregums weong luga o, & rangour 2-16 min zor-16 cogephan wag-26, cuezan combenentyou objugan us Edumoca om upp-in Lim 5x = Limitork + 12-x) = 1012 = 10 The son packations whom luga o, & ismoson to the wee zet-16 cogequican mornow, op - 11, Cuegesem ucusiozdamio neplevur zamer njegen mu alegentima ny nero Lim 3x2 = Lion 3x2 = 3 Lion 2x = 5 Lion 2x | Honpegenenovoeno lenga vo-vo Care p- 9, sugargas nog zreasens megens, megensalman colors der ynny grolen, no neon-to yempanoremora um opulogumas a lugy o. Cam ne seon- 2600-00 Carana c cylinasis upp bispancesinis, up 11-76 yempasiaenca une speloguma e lugy ∞ $\lim_{x\to\infty} \int_{x}^{2} \frac{1}{16x+5} = x$ $\lim_{x\to\infty} \int_{x\to\infty}^{2} \frac{1}{16x+5} = x$ $\lim_{x\to\infty} \int_{x\to\infty}^{2} \frac{1}{16x+5} = x$ = Lim 51+2+52+1 = 1+1 = 3 Heorgegerensens buga 100 Those M- Tous luga 10 nonmuaenca amenenno-novas, gp-a, ocustamus ensenem nomonio comperiuma K 1 (40 rel palmo moneg. 1), a novagamento comenzare conservema K is H- The yemparwhence you nausus lungrows zouce yeggen Lim (1+x) 3x = [10] = Lim [(1+x)] = [Lim (1+x)] = 6

Henrepolaround 9-4 6 morne W=f(x) - menp & mome xo, com lim f(x) = f(xo) Tou yarolina: 1 (x) onregarena 6 morre xo u 6 el onrecunsonm 2) AXT weeken harger har X = Xo g znar. x) 3 miles q-u le morne pales znarenus q-u 6 mors morne bx=x-x0, &y=f(x)-f(x0). The mon ax reagons numarylower aprinciona, a symyayermen co-y yells)- nenpepulsian & morne Xo, Rain orea onjegenena 6 mois morre i Shi han alleggen jangenus aprinciona comb o/u neupargeonie p. 1: Lim ay =0 1- f(x) - renpepolitera na usuneplane (a, b), eaux orea nemperalina le rango si morne 3moro unimeplaca y=f(x) - nemperorna na ompeque [a; 8], eau ora nemperoliea 6 unimplace (a; 6) ub morke a remepulse ayala, a 6 morke B-acela, m. e. lim f(x)=f(a), Lint(x)=f(b) Construir meoremon o nemperalismos, q-x II: anula, pasmount, monglegeone a raconsol glys, respectations Q. il econt Q-9 renepularies (gua rapmeros, 79 mich. 3rl. o. 80) Tz: cam p-a u = (0x) nenpepulna 6 morre xo, a p- 9 y = f(u) nenpepulna 6 morre No= P(Xo), no alonenca q- a f (q(XI) renjegoulka & morne Xo 13: lun q-9 y = f(x) renjepolsea y cripos notionomia na movemente X, mo Dp. g-9 Х: 4/4) машке непрерывна и апрого помоточна на соот праменерия У Functione : Ly mulegermon nomen algren, mes bancas remembrase q 9 ченировый в кансдой точке, в которой она определена 14. Com 2-f(x) nengeperbina bonorke Xo u f(xo/ \$0, mo I maxing oxygennoemb smoth normer, & compair E(x) wellen man red zowax, rue y f(xo)

Ch la Q-in memperorbitorio na omgestre Tr (1-a megresia Beriepumpacca): ecus y=fix renseporbra aca ompeque [0,6], es ота ограничена на этом отредне T2 (2 a magana Berepumpacca): law y f(x) mens na ampezne [a; 6], no ona gorme raem na man omposne chero Handonomero a Kalmenemero zrearemento T317-a megena Bawyans · Komu!: lan y=f(x) telep, ma angegne [a; 6] u na Kongare compegra human zolatenna pazulous zoland, mo lingunu compezna Hairgemus xoma Son ogua morka C, 6 konepoù ganuas Q-a ospanjaemas 60 f(c) = 0 I'v 12- a megana bannono- Kom ; lan y-f(x) Henzeperlina na ompegne [a 6] n ka vokujar amperia njunumaen rejalmone zviaresina fla = A, f(b) = B, A & B, no un mon ompegne ona neusumaem be nomenagnormore zuarenua, m. e. qua mosa; monen C∈ [A;B] natigencia soma Sur ogora morka c G (a; B1, moneau muo f(c) = C Kracingurayus morex pozybolo q-u Torka to Hazul. Torkort jazpola p-n y-f(x) ecun P 9 6 morke to me alen menyende Torra resperba X. pragub. mornor pagreda reploso paga q-n y=fM, lau B smart morre cyngeomlegram romersione ognocinoporisme spegulos qo-u: Cim f(x) = A1 n Lim f(x) = A2 The smow morker to reason, morker yamanusors pagreela, each A1 = A2; noma to ocasubaema morcon conervors pagnola lauce Art Ac Between 1/1-Az (regulator exarrate p-4 B morke pagnola neploro poga torra pagroda Xo nazub. morkañ pagrola linoporo paga p- 4 y= Flx), ecu xoma don ogun u ognomoponnux njegerob ne cynjeanlogen mu palen Secroners ognur