Domaucue 300 anne 27 26, 28, 2/4, 28, 26, 27, 2/8, 2/9, 2/0, 2/1 f-метр. отоб. на М- помоче пр-ве. Уз имеет методо. точну? · /7 Ul = IR => f: IR -> IR Prebeveu f/re) = 0 κ Eury 2 = 4(re) U 77 4(re) = απ² + 2+C, We α, C & IR: α, C = 1 => unelled yp-ue: $ax^2+x+c=xe \iff x^2=-\frac{c}{a}$, $a,c\geqslant 1\implies ypulle ul unulli penneuni$ Diber : HE 502.3 Monus en 6. Danara usurements yensleed a) gelo, 13 5) g(Ar, Ay) < p(x,y) 17 11=1R a) $x = \varphi(x)$ $\Rightarrow \varphi(x) = x + 1 => |\varphi(x) - \varphi(y)| = |x + 1 - y - 1| = |x - y| => yen. <math>\tau$. By inducence c = q = 1, no $\varphi(x) = x$ we under penneuti. Orber: HEE. A M= (9,1) 4 4(x)= 3 x => (4(x)-4(y))= 1 = x - 3 y = 3 /x-y => => 4- cremmanoyel, no 4(x)= x w uneer pensente na M. Oder: Her 502.5 4- memp: [a, 8] -> [a, 6] D-B: I menode. roura One 4 na la 6? a = 4(a) = 6 a = 4(6) = 6 =>) f(a) = a'-4(a) =0 (f(B) = B-418) 30 =>] x = [a, b]: f(x) = 0 (=> x = 4/x) a 6 2 40 202.6 f- Duggo. na 10,6]: m = f'(x) = Ul +x = [0,6] 1): 4/2) = x - 1/10) - cneucu? · A OcmeM=> A 1= m+M=> 4'(x)=1- m+M+'(x) /m=f'(x)=M) => 1- m+M M = 41/20) = 1- m+M m => /4/20/ = M+m =7 · A O<U(m => A 1= m+W => 1- m+4 m = 41(x)=1-m+4 M => => |4 1/2) | = |M-m| = 1

(4,100) = 1- 74,(00) => A1(x) >1 scor 4,(x) >0 1>0 9/(2)>1 can f'(2)=0 Oster Da E=(0,1), k>0x B-B: U/20 = 2 - E U/2 4) uncer ! pens. U= C/0,12. 8-60: A Aula) = 20 + Eulak) x 610,13 : A: Cle,13 -> Cle,13 => up-ue upumes lend: Au = u |AU, -Auellog = mare AU, (x) - AU_(x) = mare /EU, /xk) + xe - x -- Elle(x*) = mare /Ell, (x*) - Elle(x*) = E mare /4, (x*) - lle(x*) = = = E/14. - Ue/1019 => -A- commarongee => Au= 4 uneer ! peneune. Hara God of the new you 2n+1 = Q(xn), We 4(x) * x+ 2 , npu 4: (x, n) -> (x, n); 4'(n) = = = |4'(n) = = = = 4 => nouts ca-al. 双生 2+元= => スペースス+1 => 1 ス=1-02 Рассиограм ур-ие => a = 5271 2.10 Hin (25) y15) ds + fla), xelo,13, feclo,13 unees pavence yeclos 6-60: 17.1: Clo,17 -> Clo,1] Ay(x) = 2 Se sin(xs) ds +f/x) Ppunes bur Ay=4. y, (s) of + fixe) - 2 Se min(25) y2 (5) of - fixe) = hintes) = mare | Je milas) y, (s) of - Je milas) y2(s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols | = - mare | Je milas) y4, (s) ols (y,(s)-4=(s)) ols / = max Je ma le sin (32) ds = 1 le ds = 2 le ds = 2 (e-1) (1 => A. comme coop => Ay=y uncer pemenne

y(x) = JK(x,s)y(s) ds + f(x) (2,6) Ay(x) = JK(x, s) y(s) ols + p(x) => yp-ue npunes lend Ay=y K(2, 5) y(s) & H(a, 6) u samesmu, uno [] K(2, 5) y(s) ds] & 5] /K(2,5)/ds. 1/4/12.19,6xx 1. K(x,5) - elfo Pjelmasna => A: Lela, 6) -> Lela, 6) 11 Ay, - Ayelle(a,6) = 5/1/5 K(a,s) (y,(s)-yels) 3 ds / dae = = 1/4, -42/1/2(a,6) . It | k(a,s) | dads => [] | k(a,s) | dads =1 Odor: SI / Klx, s) | dreds =1 aclo, 1] , 2h. = 2h - [(2h - a) hee, 1, .. 20 = 0 Д-В: посл-в имеет предел и найти его. Puneune: 1) a = 0 => 2n+1 = 2n - = 2n = > 2n = 0 => peneune 2) a>0=> x=0-1(0-a)= 2. A 4/2)= x-12+2=> => (p'(x)=1-1.22=1-2. Bamone, 450 (p: [x, 2]-> [x, 2] 4'(x)=1-x -> 4'(x)=0, ecan x=1 => $\varphi(x)|_{x=1} = \max_{x} \varphi(x) = 1 - \frac{1}{2} + \frac{a}{2} = \frac{1+a}{2} \varphi(x) = \frac{1+a}{2} = \frac{1+a}{2} \varphi(x)$ mare $|\varphi'(z)| = 1 - \frac{a}{\lambda} \le 1$ => φ - concumanousee => noent is concumanousee x = x - z(22-a) => x = Ja' D Ø-B: +: M, -> M2 - up <=> +€ >0−3δ(ε) >0: ρ, (x, xo) < δ(ε) => ρε(f(x), f(xo)) € <=> \ {\angle n \gamma_n = \cdot \(\angle n \gamma_n \rightarrow \angle \cdot \(\alpha n \gamma_n \rightarrow \angle \cdot \(\alpha n \gamma_n \rightarrow \alpha \) D-60: (=) +(€>0 ∃δ(€)>0: ρ,(π,πο) < δ(€) => ρ,(f(π) f(πο)) < € (1) 17 [xn]n=1 CM, : 2n -> 20 => 3N>0: p(xn, x0) < 8(E) => no (1): g2(f(xn), f(xo)) < € An > N(E) => 4E>0 JN(E)>0: f2(f(xn), f(xo)) < € An>NE => f(xn) -> f(xo) => onp. no Peine bisnonnews (+ f xngn=1: xn -> x0 => f(2n) -> f(x0) lim f(xn) = f(xo) Beuny experience reverse opyungue no Prime => f - nerp. 6 7. 20 no Kouci.

д В-В: cl В, (0) - ие нашлакт и Даже не преднами. в вр p.6: 17 pc => +x, y & Gp p(x,y) = //x-y/le = (= /xn-yn/p) 1/p => cl B, (0) = { x & lp: / = 12h/P] / = 15 A ej = {0, ... 0 1, 0 ...} => p(ei, ej) = v2' = (2) 1/9, i+j AdB.(0) - nounans -> ceny ¿ ejsj=, c cl B.(0), to 3 { ejm/m=, exollery. nodricer. => ¿ ejm fm=. - gyud. noca-B => p(ejm, ejn) < E Inm > N(E), 450 Quet npentoperue sa cuer row, 450 g(e; ej)= =(2) => clB,(0) - ne raur u ne mpersoner. 17 p=0 => +x, y & lo p(x,y) = rup |xn-yn/ => clB10) = = {x \in low : mp | \an | \le 1 \for . It e = \{0, ..., 0, 1, 0, ... \for => => p(ti, cj)=1, i+j. Augnormuno engrans per nongumen se, uso dB.(0) - ne raun. 4 ne nperkonn. 8) Moneno mes 6 np. cremes essof. rocaler yenotene glaz, Ay epla, y). A M= IR y & C ~ (IR) => no q-ne nouerus (x npupary. larpannea: 4/21) -4/21) = 4'(5)/21, -22) =>/4/21) -4/21/= 14'(5)/21-xe/=/x,-xe/ ecru /4/(x)/</(-1 < 4/12) < 1) (*) Uneen yp-ne x=4/x) => f/x)=0, we f/x)=x0-4/x) (*) => -1 < 1- f'(x) < 1 => -2 < -f'(x) < 0 => 0 < f'(x) < 2 $f(x) = arcter x - T/2 \Rightarrow f'(x) = 1+x^2 \Rightarrow 0 < 1+x^2 < 2 - Chinonum,$ no your a = a racopa - The me unes pensenni => samewer ners 3l. Orler: HE