Нетрерогвичной одной перешений, Onp. Figure fix +R, xo 6 2 cR. Torga f & C/rd, 7 e. f- nemperorbua BT. 20 => + 2 > 0 7 8=8(E) > 0/ If (x) - f(x0) < 2. + x ∈ Xn (x0-8, x0+8) Oup + P- ques f & C(xo) = lim f(x) = f(xo) Oup A-your f venp-us na nur-be to = x, ecres ans T-year t: kazorb pabuomepreo verpepurbuon na men-be to = x, eciles! #E>0 78-8(E)>0/ +x1, 2, 6 x, 121-x2 <8=> 1f(x2)-f(x2)<8 Merausecore co-Ba neppeporbuoix of-yeur: 3. If X > R, a & X, fe C(a) u f (a) > 0 (f(a) < 0) => 4 O(a) / f(x) > 0 (une f(x)<0) + x & O(a) 0X 4. \mathcal{A} $f: A \rightarrow B$ $g: B \rightarrow R$, $a \in A$, $f \in C(a)$, $g \in C(f(a))$ $\Rightarrow g \circ f \in C(a)$ $\Rightarrow f(x) - f(x) | g(x) - f(x) | g(x) - f(x) | g(x) | g(x$ + y = Buly-f(a) | < 0 the-al<2 Dus 8>0 7 8>0/1f(x)-f(a)1<8 HREA

=> \frac{1}{2} > 0 \frac{1}{2} \frac{1}{2} > 0 \frac{1}{2} \frac{1 => gofe C(a) Meopena (Kome o nponeerny rocuoux zuareneux) 7 f & C [a, 6], f(a) < f(b) (wee f(a) > f(b)) => ME (f(a), f(b)) Yee (a, b) / f(c) s ll ≥ 4 g(x) = f(x) - Ul, rge Ule (f(a), f(8)) longa ge C(a, BI, g(a) = f(a) - ll < 0, g(b) = f(b) - M706 => # c \(\langle (a, \mathcal{B}) / \mathfrak{g}(c) = 0 : \(\text{M} \) [\(\alpha_1, \mathreal_1] = \(\text{Ta}, \mathreal_1] = Demen [a, bi] nonovam, ecan g(a,+bi) so => gorazam 7 g(a, +61) fo => 2 [a, b2] - Ta nono beura/g(a2) g(2) ko T.O., noctpouve encremy becomemoux otherob Lan, 6n1, n∈N: g(an) g(bn) <0 Vn3 V. Kantopa Cigreau: 1) I no €N/g(ano+bno) 50 Vo Biconderen 2) Yno €N/g(ano+bno) 50 Yc € [an, bn] 2) Yno €N/g(ano+bno) 50 Yno N Uneem! bu-c < bu-an = \frac{6-a}{2^{n-1}} -> 0 => \frac{6}{n} -> c \quad n > c => ZT. u. Tx, EX, neN/limx, sa ~ he C(a); To h (x) = ha (19(Bn)->9(c) upu h> = | Ecou h ∈ C(a), 10 + 2>0 7069 9(an) ->9(c) upu h> = | 16(x)-f(a)| < E \ x ∈ O(a) n x = - fran f(Bn) f(Bh) - f(c) | x n = 0(a) + n > n = 1 f(xn) - f(a) | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 | x n = 0 => \$\frac{1}{2}(c) = 0 => g(c) = \frac{1}{2}(c) - \frac{1}{2} = 0 \tag{4}

Onp. Noguer-Bo X & IR nazorb nonapriorens econ uz tr-ore ero originario non pertur in income bustparas posservice noxportal Tokohena (Kesera - Tokeres) t - at otherox [a,B] - wavenant. Evoparo romane de la grante la grant de la grant de la grant la grant de la gr Jar, 8,] = [a, 8] - ne gonycraer 1 [a, B2] - Ta nonoberra [a, B2], T-as us gonecias LONGTHOUS HOKPUTTER 3 2 2 " Le regoriexans => 4 ce/2 /ce [an by] theN => c = [a, b] => \Rightarrow $\exists (\alpha, \beta) \in h \cup g / c \in (\alpha, \beta)$ 7 min 9 c-x, B-c3=18=> = EEN/Bx-ax 8 40 CE TOK, GK] => TOK, GK] C (XB) - holherne 1-M WHITEP BARON =>0 Beopere (1-as T. Berefore pacca) 7 fec[a8]=> feB[a,8] re. f-orp. wa [a,8] \$ \tx_6[a,B]: f &C(x0)=> f-nok. 02 f & r. X0 => I O(20) I ll(x0)/ |f(x) \ l(x0) +x = O(20) [a] => { O(x), x = [a, 6] 4 - orkp. hokporrue [a, 6] >> From 20(x1), 0(xm)3/[a,6700(xi)] a prokponie

I'M = max ell(xis) => \ x \in [a, 6] \ k \in 4, m3/ 2 € O(xx) => f(x) & M(xx) & M => f - orf na [a,6] Theopena 12-as T. Berepurpacca) 7 fe C[a,B] => 7 x1, x2 [[a,B]/f(x1) + minf(x) f(x2) = max f(x) D-M que max, c min allavoreerse. cest Om Morubicoro: txe[a, 6] fe B[a, 6] n f(x)<Mo => x-um g(x)= 1-9(x) + x = [a, 6] => g(x) = C[a, 6] => => 7 B>0/0<g(x) &B, i.e. 0<(M-f) &B (M-f) B (=> f(x) < M-1/8 = M'< M. Utak f< M' na [a, 6] >> ell ne sup na [a, 6] => & Bepx new yearse Trapenera (Kantofa): fe C[a, 6] => f-p-40 went ua [a, 6] De m nforubieroro: If - με β/μ μεμρ κα [a, β] =>

H ε > 0/ Η δ > 0 Η χ, χ, ε [a, β]: | χ, - χ, | < δ => | f(x) - Uneen 1 Bnx = Bnx - dnx + dnx => Bnx = (Bnx - dnx) + dnx > 0+0 (T.K. 1 But the Sink kow) u zancerum, ero de [a, 6] > fe co => f(dnu) -> f(d)] => & < |f(dnu) - f(pnu) | => 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < & < 0 > 0 < 0 > 0 < & < 0 > 0 < 0 > 0 < 0 > 0 < & <