(16.1) B) Ax(t) = ×(0)+t×(1) ]×(6) where I equiumne mape -> man (+×(1)) = 2-max (×(+))=2> -> cross palvenique orponurement (Ax(t+h)- +x(+)) = (x(0), (++h)x(1) -x(0) -tx(1)) = = h | x(1) | ≤ h => protucisen repr => To Aprileo - tenen => => A - Breeze vergepseben 2) Axlt)= jets xlsids = max ( +x(t)) { e e { mon | x(s) | d s & e ( x 6 Bi(o) ) = ) potnour exp (Ax(t+h) - Ax(t)) ₹ S(e(t+h)s - ets) x(s)ds = Se(ts)(ehs-1) x(s)ex < e / (e 1) xls - 0 - ) pointeren rep - ) from nemp ne & Spylea - Acnelle.

g) MOX: 4x(t) > x(t')  $x_n(t) = t^{2n}$ ; number  $4x_n$  be degree hypermanning

=) ne browne negrepation

 5) Net Xn(t): 6"+1 anatorium uginay Daviey elen Xin golging., Do a Xn' & ([91] goryun., no ECC30 x" = thi - ay nee neuse briganis grying =) fxx) - He megnormans. B) pain Bi(0) & Celoi2 ; XI) & Bi(0). . Terga hora (x1(6)) ≤ max (xx(4)) ≤ (x1.) (( ≤ 1 =) =) eers pabnon on \* (Ax(++h) - Ax(+)) = | x(++h)-x(1)) | < max |x(+)) | + = E /X(·)/(ca.h = h => 0 =) pabreonen neur no 5. Aprilea - Acheun Tryger Breine rempepulment. (16.7) (27) Or yearshow : I copy bemonemonguns. Pergo hepearene Bi(0) (copagen Syrge ne dyger hagramman (\$ E-ceru) => X-re bu deceyrep -? (=>05)org Honemo, wepenend ( Ne regione 3. (16.9) a) pabroupou apr. 11×(e)11c = 11×(·)11c1 patrecen region; |x(+h)-x(+)| & h. max (x(4)) => ga

5) herengen omjegeeen, nompee & Tegene 6 ] xn() & K'; xn() hale x (.) & K', ve. & y(.) & N' (mus!) Syll) xaltidt > fywxlodb  $\int_{\alpha} \left[ \mathcal{G}(6) \times_{n}(1) d + \mathcal{G}'(1) \times_{n}(1) \right] dt \rightarrow \int_{\alpha} \left[ \mathcal{G}(0) \times (1) + \mathcal{G}'(1) \times_{n}(1) \right] dt.$ Romaner up rouge man [xn(+)-x(+)]-> a Or yearshorp | rigin 30 >0 : [xn(t)-x(t)] 70 va interplane (cd). Torga [(41+)[xn(+) -x(+)] + y'(+)[xn(+) -x(+)])d & Dyges > E, ern glt) necommen tope heyepoths grigo non, nonement be ungrowing (c,d). (620) (1620) 1) obieta organieme:  $\lambda_n \rightarrow 0 => \lambda_n \in \lambda =>$ ne huser na eseguentour paga us ubognostal =) =) 00 D(+)= H 2) Odiair znavenini : V x EU rogen vangyo Koopginoony Ma 2n a reguent moespry=) allerte jurient - H.

3) Anothe neighbours 3.1) ] XE Bi(0) raga pobronemon organizament oreligio 5.2) [(7,×1)2 & man 2 0 => A 56) - njegnomans - ) A Brown neupepuber (6.26) A.B. (0) home ey = 1 & VE 3 nommar E-cen gel le Benner En - In; veryour novemen E-cept Vi Taga adreguese créames nous à-cereir que les no hen i neigher critiques bregg marroe embo (16.12) Eygen person grave \$5 (X" = y Keingen op som Truna: G(tis): 1) Gt = 0 mm t +s 2) 6 t=0 = 6/t=1 = 0 3) G/ts - region t; G'(\$+0,5) - G'(5-0,5) = 1 n=> 6(t,s)= 0(9 t 1 (6) tange  $G(t,s) = \begin{cases} f(s-1), t \in s \\ f(t-1), t \in s \end{cases}$ u \*(t)= ] 6(ts) \$(s)d5