Тена в: Формулирайте и док. теорената за приблишено ранаване на Hermheathu ypabhethus no metoga ha clombayute te usoSpankhus

Teopena: Hema y e tienp. usosp. Ha [a,b] b cese a moero ygoboners. your burning chance 1 moraba:

a) Y-10 x= y(x) una! panetre & 16 [a16] δ) Η Harano πρωτημικίνε χο ε [a,b], ρεζινματα! XN+1= 4 (XN) e gospe gedunupaka u unoku nom ropeka E

При това е изпълнена оцениата:

gov. (3) Da pasin, g(x)=x-y(x) Ot Hearp. Ha y -> g(x) e Hearp & [a,b] mane: q(a)=a-y(a)≤0, mon vato y: [a;b] → [a;b] → y(a)≥a

q(b) = b - y(b)≥0

Auo gla)=0 u glb)=0, 170 &=a; =b

(3) y=3 = 0=(3) Edio]33 E= 0>(d) g(a) g(a)

(!) Don, 4e 3 &1 ≠ €2 €[9,6]

4(21)=21 4(22)=22, 10: hunning.

 $0 < (\xi_1 - \xi_2) \stackrel{\text{gon.}}{=} \psi(\xi_1) - \psi(\xi_2) \leq q(\xi_1 - \xi_2) \leq \xi_1 - \xi_2 \oint_{\Omega}$

sop enpaypour an, [d;s] > (ox) y= M < [d,s] +y u [d,s] +ox TO (∂ xn= (xn-1)

actaba ga gol xn > }

My. Lea spourhata;

|xn- &| = | \(\langle qn (xo- 21 = qn (b-a)