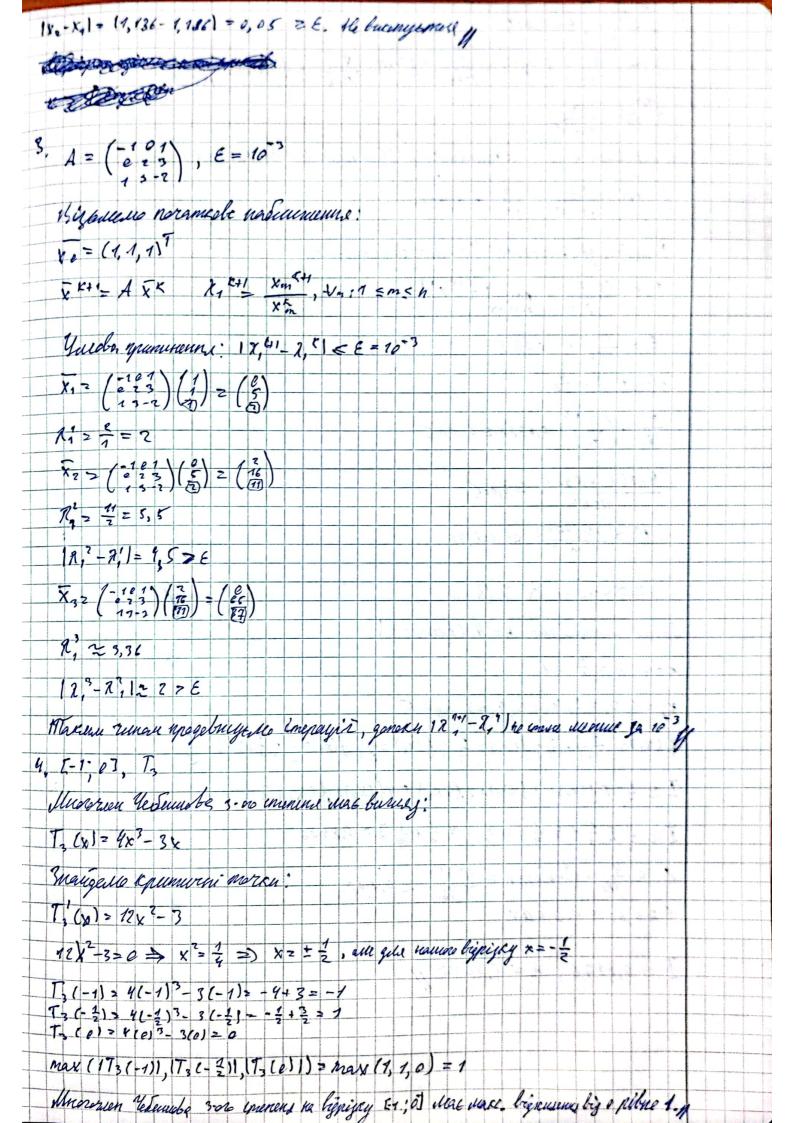
Rendugara Appara Binarinetura Bagianne V: 115 1. sin E, X2-2x+sin # =0, 8(x*) = 10-3, 8(xin #)-? $\mathcal{E}(\sin \frac{\pi}{s}) = \Delta(\sin \frac{\pi}{s})$ $X = 1 + \sqrt{1 - \sin \frac{\pi}{s}}$ $\Delta(x^*) = \Delta(f^*) = \mathcal{E}$ $\Delta(x^*) = \frac{\Delta(f^*)}{|f'(x^*)|} = \mathcal{E}$ $(x) = \frac{a(x) \frac{\pi}{8}}{2x^{2} - x^{2} \frac{\pi}{8}} = 1e^{-\frac{3}{2}} = 0 \quad (x = \frac{\pi}{8}) \leq 1e^{-\frac{3}{2}} = 1e^{-\frac{3$ sin # 20, 3880 $\Delta \left(\sin \frac{\pi}{8} \right) \leq 0,0028 y$ 2 $\times + 4x - 6 = 0$, $\varepsilon = 0,001$ Repuni erran. Pilmenne due agun zinemur copine Drysur eman. f(1) f(2) =0 => x* 6 [1; 2] Mpenin eman. Rejebipuno gernamus ysubu jainenousi f(x) = x3+4x-6; f'(x) = 3x2+4xa f"(x) = 6x > 0; f'(x) + 0 ma [1,2] Business novamuste unsummenns. f'(1,5) = 1,5 + 4.1,5 - 6 = 3,325 7 + (1,5) f''(1,5) = 0 > 0 > 755Maganara Denga Dunació Teperoquie go impayinoso upoque: Imenayis 1 $x_1 = x_0 - \frac{f(x_0)}{f'(x_0)} = 1.5 - \frac{1.5^3 + 4.1.5 - 6}{5.1.5^2 + 4} = 1.486$ 1 x,-xe1= 11, 186-1,5120,5 > E. He buconytantes Amenagie ? $x_2 \ge y_1 - \frac{f(x_1)}{f(x_1)} \ge 1,188 - \frac{1,188}{3,1,188} + \frac{4}{4} = 1,136$



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S. 1 dx , E = 0,006
  f(x)= 1 ; f'(x) = - 1 ; f''(x) = 2 ; f''(x) = - 6 (2+x)4;
 f (4) (x1 = 2 1)
 Maximuga f (1)(x) no apprintal [1; 5] goleratures new x = 1
 5 (1) 2 24 2 24 20,0588
 Rosusca gale merogy limenous commencement.
  E = (6-R) 24 max (f(4)x)1
  E = 4 A4.0,0988
  Mercan h = 4
  180 ( 4 ) 9 -0,098 & c 0,005
  4.256.0,0388 c 0,005
   14 > 101,1912 2 118,41
    n 2 V112,41 2 3,14
Carme, viningueme 4 = 4 (gramme 2)
R=4 R= 4 =1
xe=1, x1 = 2, k2 = 3 k3 = 4, x4 = 5
f(x_e) = \frac{1}{2+1} = \frac{1}{3}; f(x_1) = \frac{1}{7}; f(x_2) = \frac{1}{5}; f(x_4) = \frac{1}{5}; f(x_4) = \frac{1}{5}
I = 1 [f(x0) + 4 f(x1) + 2 f(x2) + 4 f(x3) + f(x4)]
In 1 1 1 1 9 4 12 + 4 4 1 1 = 0,8426
E = 4 . 14.0,0988 = 0,3952 ~ 0,0022
 € 20,0022 ≤ 0,005
I = 0,8976, E = 0,0022 /
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