1 5) 3,5-1,5=2=h ho= == h1 = === Kn= = = 1 (1) (1.5+ ha) - (1.5+ha) = 0 root midpoint n log ? > log (b.-a) - log & - log a. - log 2

n > log (bo-a) - log & - log a. - log 2 3 p(x)=422-2x2+3=0 p'(x)=17x2-4x 1 1/1 = 1/2 - P(In) p(-1) =-3 p/(-1)=16 当月-0, X, = -1+76 = -0,8125 p(-0.8125)=-0, 4658 p'(-0,8125) = 11,/719 当か二, 又2=-0,7708 p(-0.7708) = - 0.0201 p'(+.7708)=10.7128 \$ n=2, Z=-0.7688 p(-0.7688) = 0.000286 < p(x) < E, post conditions p(-0.76 R) = 10.1678 @bazk

4 多次対根、 のことの一× 由 チタン=チター)ナイスースのナー(多) 0 = f(xn)+ (x-xn) f'(3) +(1n) = (2n-x)+(4) = en + (4) RATI = ZA - TOTAL -X Denti = (e) 5 当え。=0,4火気分 当りくなくで 0<tantx<x D< tant Xn < Xn 4发气头 当 -至くな。く0 りくなっくう 4发艺生 二个居在少生生 6 y x, = p, xn = p+xn-1 (p), x ∈ (0,1) \(\frac{1}{2} + (\frac{1}{2}) = \frac{1}{p+x} , f(\frac{1}{2}) \in (0,1) 1 = x = to 17 (x)) = 26 CO,1) |- (p+x) 1 21 fa=a ota = al x2+px-1=0 c, 48 15 2

| No: | |
|---|------------------------------|
| | Date: |
| 7 2 ([a, b.] is root | |
| Cosb a. | |
| Cn = 1/29 (bo-a) | |
| $\frac{1\times-C_1}{1\times 1} < \frac{(60-0.0)}{2^{n+1} x }$ | |
| | |
| 20 - a0 20 € E | |
| 2 1 > 60-90 28 X | |
| n fog 2 > log(60-90) - log 2 log 2 | E-log/x1-log2 |
| > log 2 | $\frac{1}{1}$ $-\frac{1}{1}$ |
| x = 0, h = +x | |
| Relative error can't be appr | ensiate meanine |
| 77 | 7 |
| | |
| | |
| | |
| | |