

4.4) $\int (0 - x + \ln x - 7 = 0)$ $\int (6) = -1 + \ln 6 > 0$ Since $\int (x) \int (6) < 0$ by IVI there is a root in (5.6) $\int (1 - 1 + x > 0)$ Since I is an increasing function (0,00), there is only one rast (C) $\frac{1}{1}(x) \qquad X_{1} = x_{1} = \frac{1}{1}(x_{1}) = x_{2} = \frac{1}{1}(x_{1}) = x_{3} = x_{1} = \frac{1}{1}(x_{2}) = \frac$ N(x) = X - 1(x) = 8-lax X4=X3- f(X3) = N(X4)=J.3271783 J'(X3) 125.33 :Y 5.33 V=TR2H=32T Total (0 H=2 [AR2] +1 [ARH] R2H=32 G(R) = 42R2+2元景 = 4元(K+片) 100. H=32 C'-42[42-12] Since C'(2) >0 by SPT C'=0 R=2

kel.min & by CRT as main when C' = 45(2+ 1/2) >0

R=2 C(2)=487U