-1-

Corrections to Root-Finding Notes y ~ n x =) dy = - x y. 1/. Page 11 2/. Page 13: Onder 3 (at the bottom). [p3"(0)=f"(0)=1]. 3/ Page 18: Imaginary 100t [a+ib]. Complex Loot V. 4. Page 19: If f(x) is exactly divisible by (x-a)2+62 then it is also divisible by its factors, (x-a+ib) and (x-a-ib) = Complex conjugates. 5/ Page 23: Last Row. a = 1.1328, f(a) = -0.0196. c = 1.1338, f(c) = -0.0095, f(a) f(c) > 0. Set a = e. 6/ Page 24: At [x=xo] (not x=0), the first-order Taylor polynomial is p.(x) = f(x0) +f(x0) (x-x0). M. Page 31: If W= Cood+isind, then its complex Conjugate is [w\*= cos0 - i sin0]. Cos0 = -1/2 and sin0 = \frac{13/2}{2}. 8/ Page 39: The thind wot is yw2+ Zw [y=5, Z=L]. 9/ Page 43: Factorising  $[2k^3 + 5k^2 - 4k - 7 = 0]$   $32k^3 + 2k^2 + 3k^2 + 3k - 7k - 7 = 0$   $32k^3 + 2k^2 + 3k(k+1) - 7(k+1) = 0 = (k+1)(2k^2 + 3k - 7) = 0$ 10)- Page 47: Factorising | K6-4K4 + 16k2-64=0|