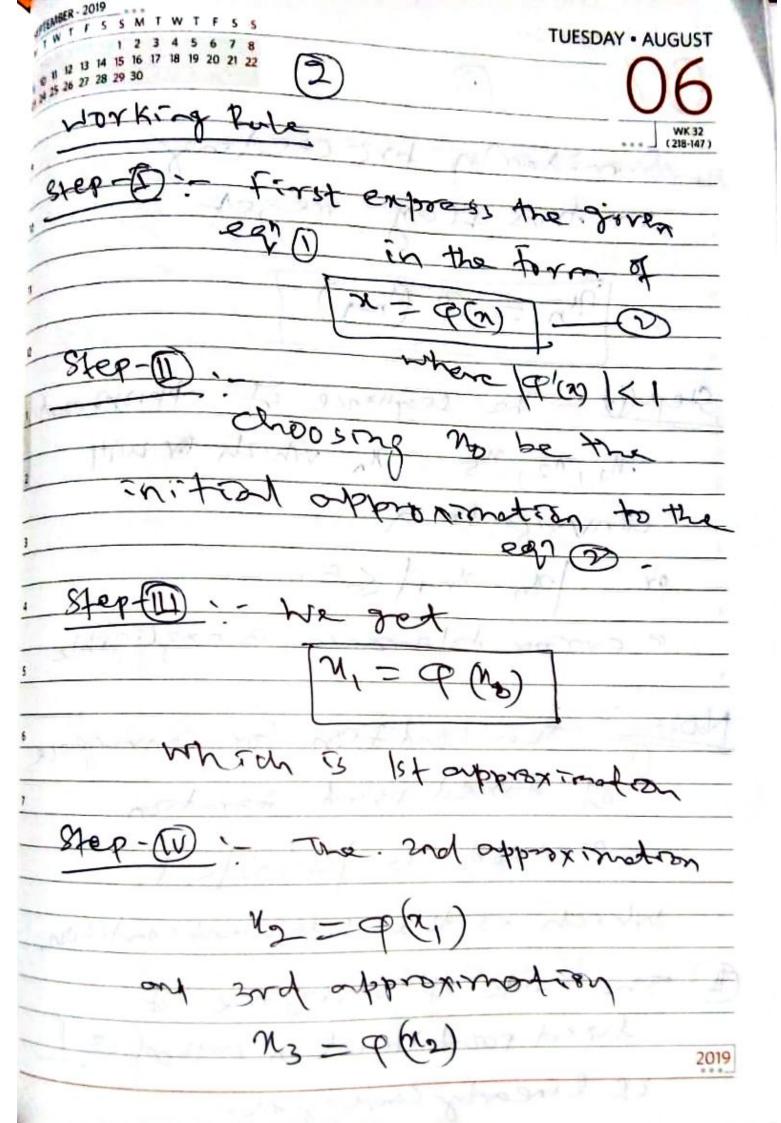
AUGUST . MONDAY 1 2 3 4 5 6 7 8 9 10 14 17 18 19 20 21 22 9 10 12 13 14 15 16 17 18 19 20 21 22 23 24 2 Fixed point iteration Method det us consider on egg for) = 0 -0 Let of be the exact root of ego The egg egg () can be expressed of 1x = p(n) - 2 det I be the interval containing the most of it of EI 9f (q'(x)) < 1 H REI, then the sequence of approximation 20, 24, 22, ... 2 will converge to q. when the initial approximation No is choosen in the interval I.



TWTFSSMTWTFSS THURSDAY • AUGUST 11 12 13 14 15 16 17 18 19 20 21 22 11 22 28 29 30 25 26 27 28 29 30 texed by itemson method COSK = 3x-1 which is correct A decimal places Criven that CBS x = 3x-1 COSN -3x +1 = which is in the form of Hera for) = (05 N - 3 N+1. (1) can be written as 3n = 1+ Cosx N= 1+65x 3 in the form of x = p(x) 2019

Now @ 00 = 3 small > 10001 = 3 1-118 = 1282 (-: Fina /st) -i- play K-148 - 4200 which is and it ion of convergent Here the egg 12 = 1 (1+ cosn) det us choose no=1 heizer ixosado top -:-M = 3 [1+ COINO] = 13[1+ (01 (2)]

