

OJEME SEIBY UDUETI

20th march 2020

17/Eng04/052

Sig - ~~Subit~~

Electrical / Electronics

ENG 382 ASSIGNMENT II

Command window

clear

clc

Syms x

format short g

R exp (-0.5\*x) \* (4-x) - 2

R primes diff CF ;

x = 0:5;

for i = 1:10

1) for C i \* D = i

x(i) = x(i)

x = double (subs Cx - (F / (Fprime)))

x(i) + D = x(i)

2) abs (Cx - (li + 4) - x(i)) / (x(i) + D) \* 100

1 - Cx (i-1) \* (E-2)

break

end

end

Set the Table (for; x? res?)

Set by properties variable names { (for; res number; values of x) (res)}

output

Iteration no	values of $x$	error
0	0.5	0
1	0.83889	40.391
2	0.88496	<del>5</del> 5.2054
3	0.88571	0.084992
4	0.88571	$2.2247e^{-7} - 0.5$
5	0.88571	$1.5293e^{-12}$
6	0.88571	0