c) Iterasi III ·

X3 = 1,57142 San X4 = 1,86172.

 $f(1.86172) = 1.86172^3 + 1.86172^2 - 3.1.86172 - 3$

= 6,4527 + 3,4660 - 5,5851 -3

= 1,3336.

になる。 (2) (2) (2) (2) (2) (2) (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	
2) Selesaikan persamaan dengan metode Newton Rapshon, dg awal = 1	
$f(x) = X^3 + X^2 - 3x - 3 = 0$	
Jawab:	
a Turunan pertama dari persamaan Witerasi IV	
$f'(x) = 3x^2 + 2x - 3$	1 × 1 21/83
A) Iterasi I	f(1,83)=1,833 +1,832-3(1,83)-3
X1= 1	= 6,9873
$f(x_1) = 1^3 + 1^2 - 3.1 - 3$	f'(1,83)= 3(1,83)= +2(1,83)-3
r-A	=10,0467 + 3,66-3
f'(1)=3.(1)2+2.(1)2-3=2	= 10,7067.
D Oimasukan ke-persamaan.	X6 = 1,83 - 0,9873
$X_2 = 1 - \frac{-4}{2}$	10,7067
idan Paran	=1,73770.
= 3	
b) Iterain I	e) Iterasi V
X2 = 3.	X5 =1,73778
$f(3) = 3^3 + 3^2 - 3 \cdot 3 - 3$	f(1,73778) = 1,737783 +1,737782-3(1,73778)-3
= 24	=0,64424
$f'(3) = 3 \cdot (3)^2 + 2 \cdot (3) - 3$	f'(1,73778) = ×1,73778)2+2(1,73778)-3
= 30	=9,0596+3,4755-3
d Dimusukan kedalam persamaan	=9,5351
X3 = 3 - 24 =	Olimasukan ke persamaan.
30	9172, San 4 22X X
= 212	X6 = 1,73778 - 0,05442
c) I terasi (II)	9,5351
X3 = 2,2	=1,73207.
f(2,2) = 2,23+2,22-3,2.2-	3 manager of radicion Co
= 5,888	San
$f'(2,2) = 2.(2,2)^2 + 2(2,2) - 3$	40 40 40 40 40 40 40 40 40 40 40 40 40 4
= 19,52+9,4-3	ATT A THE STATE OF
= 15,92.	
P Dimazukan persamaan	8 T 1 + 2 () 4 ()
Xq = 2,2 - 5,888	
15192.	· When I 6
= 1,183	The training THEBUTE X
AT ATTACON - TATTACHE A LANGUE TA CANALIZA	
ET IVALA - CICA, E - TOURS - CO	