BLA 4th som ICSIT 3rd Com Nim. Meaning of Solution of non-linear equation A times non-linear equation is of the form f(n) = aoxh+aixn1+a2xn2+---+an-1x+an Where are are constant ( 90 to) and n is a positive Integer caused a polynomial in not degree in The polynomial fin =0 is called an algebric equation The value of n for which fin = 0 is caused root of the equation. The work of > The process of finding the roots of an Equation is known as solution of that equation: PARAMETER PARAMETER Types of Equation 1) Aigebric equation > An equation of type from P=0 is caused aigelosic equation Where pis a polynomial, The algeria equation can be polynamial equation. Like linear egg (eg; 9+6=c), quadratic equation (eg+ 9n2+bn+c=0), cubic eg4 (an3+6n2+cn+d=0), trigonometric equation (equation (equation) (2) polynomial equation A polynomial equation of degree 'or' is of the form f(n) = anx" + an-1x"+ + + 42x2+ a1x+ a0 where a's are real numbers. ( sometimes caused the coeffection of the paynomia res fin) = 4x3-3x+2 is a pownamed egg of drarse 3. fini= M7=4×5+1 13 a 11 11 11 7. 3) Transcendental equation 7 These are non-aigebric Equation which include prigonometric, enpursuital and 1099 rithmic functions

Direct analytical method. In direct analytical method, the note can be found withen any calculations. So it is used for simple aquation ! lies! is any used for contain simple cases. be used for equation place 2 Sink - 1170) in which it is difficult to find Soil without any calculations !! . Cryaphical method. This nethed involves protting the given function was grapt the point whore the Where function cuts x-anis is caused most of This nothed gives only approximate values.

			A I A Associated the second se		
		Trial and Fr			
1	time even	noo MUOIVAN a C	midantino and and	4 4	
	Zero.	J. J	1 10 See whether It	13 CWSA FU	
				The state of the s	
	Closed to a	is me of year	that causes the fund	tion vaius	
	> This me	thod is time	consuming and has	The equation.	
-	Mark William		Course of army was	s im accuancy.	
<u>.</u>	Frample: con	sider an equation	new Market	The Transfer	
	3n+u=00.				
$\Rightarrow$	To use trial and error method, we have to Substitute different				
	Values for variable x.				
	41.	C. Mila in	e Vanues of L.M.S		
	Equation	Susstituitingvalu	di d	Values of 1/2.11.5.	
	344=10	X = y	3*1+4=7	01	
1		M = 2	3 * 2 + 4 = 10		
	, 111 11 11/1	Mag	3×3+4=13	10	
	1000 C1114	May	3×4+4= 16	10	
Mah.	Southern,	Altry valle 722	we get linis- R	His so, 2 is	
3	Social	Thursday.	Market Sant Series	L. J. Mary	
5	Ttaration	Iterative y	· ·	2.2	
	of mot kin	vogado ( (uarra	y begins with an as	No 1	
	I teration by Iteration, until the desired retired				
	"IS Obtained	- 1787W101, WW11	The desired Rite	of alluarary	
	198	COUNTY TO A P	19conthuic approche		
1	Itemtive	method Can I	re grayped into	2 Codewins	
To.			3.39.00		

		Date:
		Page:
		1) Bracketing mothers
	13	a Bracketing method.
4	14	(6) faire position mathed.
		D Nan-brackshing (open- and) method.
		I to vine water to the first to a line of the safe of
111	1	is the four of more of the set of the set of the set of
77	10	(Called Mars of the Arrow Marson Mars
	-  -	
1	$\parallel$	White Wall Control of the Control of
-	VO	
Chi		State of the second sound of the second of t
100	1	The state of the s
10	117	AND THE STATE OF T
<u> </u>		
	()	
	6.1	OI - WH CX LIVE SOM
	()	
	U.1	
6.	(i)	
-	1	- The state of the
	1	Market Control of the
-	1 6	
al results	1 1	Action of the second of the se
11		The state of the s