Lecton #	
26 March NoMarice	al Compusión de la
Nomeric Mellaci	
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MATLAB 2020 (octave)	
	error Analysis
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T- A.B. AB	
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Number Systemin (23)) - (10111)
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20 ()2	
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00100	
23 ()	
129 64 3216 8 4 2 1	

3rd @ class. 2 April Lecture #2.

(Numerical Coupulary)

15 5 Octave Seftware. uchy we use numerical computing / Method To Slove Problam that Can not be Solved Difficult to find their analytical Solution. Example: éx. di=0 (pour of ée' in not inside the inderigal) - NoN-lines Egynation:-* Solution of Not Cincar Equation Bisection Method 3:38 area of sq (n) (oncerts Commad line ! In >> area = arear of Sq(5) File extension of om A. ?? ance of \$ (5)

an 5 =
25

Funcha [A] = area of sorver (L, W3 PA= 1+w; # formula area of ree Lenel & Now example of Area of Reclarge As => As we know Reclangular have 2 japent variable. Command line N=5, /-leight

y=7, % widt Area = area of ree (n,y) Nosof an 2 file nove no de la vale nove no de la vale nove nove en my Now of make a fuction takes. one corpert Variable & two outputs. fuction [A1, A2] = area of ree (lw) A1 = (*w; % of Rec A2 =

1/180 arealom -> Filence. 2) Soppose we have write both (area of Sque) Fron Function. [AI, As] = aral(x) AL- Pi X NIZ , (area of circle) A2 = N×N; (anca of sv) Command line. [Areal Area 2] = area 1 (6) Diy: - 1. Now Insteed of Command weindow, we use Script file for this I well make two new tructions like we have Sauce first funder. and third is for anach Circle N= Imput (" emfer Sialen of Sapure); y = input (= ender Smother sid of severi); Y = inpul ("entr Indoor radious of Circh"). displificance of Squame is!

ctol F9 evalute.	
	Date: MTWTFSS
Areal = area of Say (N)	
disp (This area of rec is: 1)	
Area ? = area of rec (noy)	
disp (Arrea of Circle')	
Area 3 = area 2(7)	
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