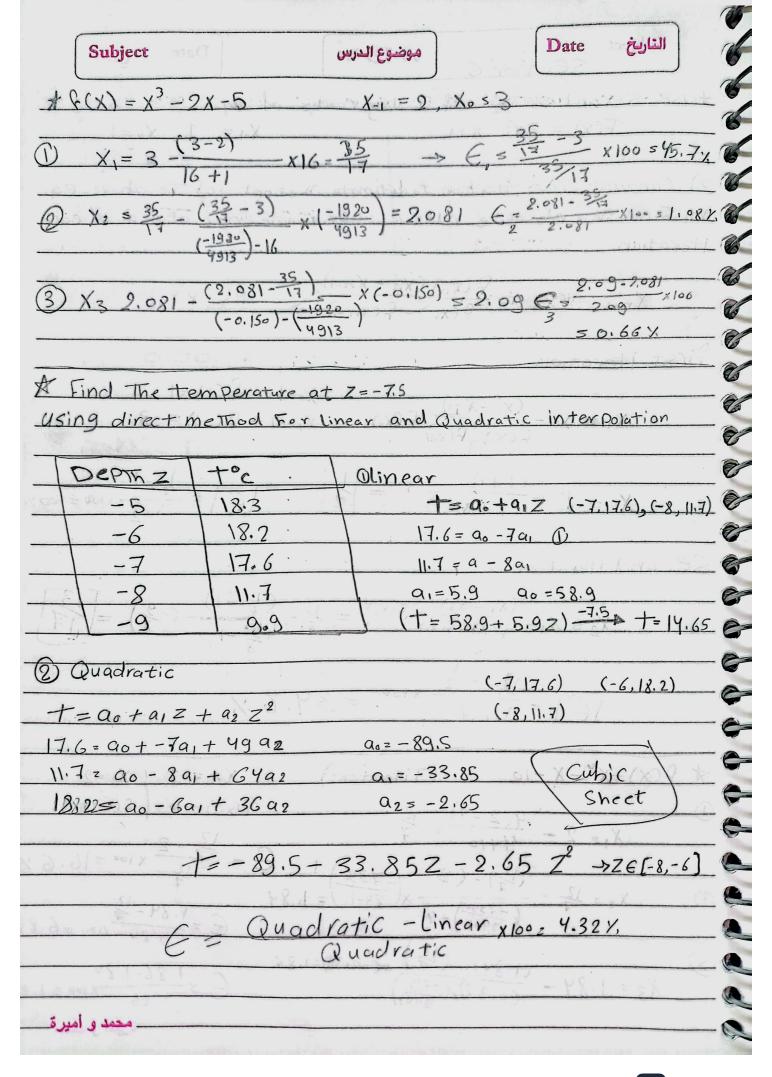
	Section (موضوع الدرس	Date	التاريخ
AU	ISE Secont Method $F(x) = 3x^3 - x^3$		of eq. (X-1 = -1,	X0 =
2	1000 X - 1000 S W	N The Name of Street, Name of		8. = , X
	Conduct two item			
	exation	VERALINE CLIPPOXIVIA	Mary Control	on cach
110				
ò	Xn+1 = Xn = E	CXM) - CXM-1)	180,2) _ 18	2 X 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Fin	rst iteration	142	. Y3%	
		, XX	>>=>(1) 51	AT LOOK Y
30	$X' = X^{\circ} - \frac{\mathcal{E}(X^{\circ})}{(X^{\circ} - X^{\circ})}$	$\frac{X-11}{F(X-1)}$ $F(X_0)$ $X_1=-$	1→ C(-1) = -	-3
	(1+1)		30-4 /	-1/73 GT
12.1	X1=1-1+	3::- 2	16/2-	12 x160 = 100
	Land Barbara		28/-/	-0-/
SE	2 Conditeration		v - 11/2 / 12/2 /	1-4
2.84	$X_2 \leq X_1 - \frac{(X_1 - X_2)}{(X_1 - X_2)}$	$\frac{(x_0)}{-f(x_0)} f(x_0) = \frac{1}{2} - \frac{1}{2}$	(-1) (-)	3) = 13
	(3		513	@ Quadra
-	16 = 13/1	$\frac{2}{7}$ ×100 = 34.6	1/1	- A. V.
	10111111111		PMIA	Waster T.
*	P(x)=X4-X-10	(3 iterations)	X== 1	(Xo = 2
2	(Joseph) 3	92 925	F(x-1)=-10	f(2) = 4
9	$X_1 = 2 - \frac{9(2 - 2)}{9(1 - 2)}$	1) = 1	12 0	4.6.4
6	1710	(0) 17292)	= =====================================	x 100 = 16.6
2	X2 5 13 - (13)-	x 2401 = 1.84	Cara Page	\2
	1 - 1391 2401	1) = 4) - 1 + 1 + 1 + 1 + 1 + 1	E=1.89	- 1/2 x100 76.8
37	41.04)	(12) x(-0,38)=1.86	Marie The Control of	The state of the



	Subject	Date	موضوع الدرس		Date لناريخ			
K	Find Th	levelocity at	t=19 USW	ngThedive	CT Me Thod	For		
I Find The velocity at t=19 using The direct Me Thod For Linear, Quadratic, cubic Interpolation								
(I: Lunear								
	ts(t)	V(t) m/s	Olinear	-> V5 a	+art			
9	0	0	,	18) (20, 51		1		
)	10	227.04	362.78	= 90+ 15	a_1 $a_1 = 3a$	2.914		
)	15	362.78	517.35	a + 20	a1 a6=-	100,93		
	20	517.35	3 6	(*)	NY MADE	<u> </u>		
	22.5	602.97	V=(-10	0,93)+(3	30.914)t	-		
	30	301,67	(VC19) =	486.436	C. K. Klind La	d= P		
0	Quadrat	1	delt	10	·			
				1206	E 1 1-			
	V30	10 + ait + a	12t2	(15, 362)	2.78) (20, 8	517.35)		
			X-0.3	1911	(22.5,602.97	<u>') </u>		
	362.78=	90+1591+	225az	15	F	<u> </u>		
	517.35	a 0+ 20 a, t	400 a2	90	≈ 32.43			
Y	602.97	z ao + 22. Baj-	+506.25 92	91	= 15,35	<u> </u>		
	92 5 0,446							
V(t) = 32.43 + (15.36)t + (0.446)t2								
diameter .		V(19)= 484,4	159	\$ 2 LV & 2	V \	root)		
E = 484.459-486.436 X 100 = 0.41 /1								
	\in	= =	464	X 100 =	0.41 /			
(Contraction of the Contraction		181						
* Newton divided difference method								
(U)	inear	F.(x) = bo+	pi(x-x°)		po = Ecx) = F [x.]		
@ Quadratic F2(X)=b0+b1(X-X0) +b2(X-X0)(X-X1) b1= F(X1)-F(X1)								
F[X: X: X) = [X: V.7 = F[X: X0] = =================================								
$b_2 = \frac{F[X_2, X_1, X_0)}{X_2 - X_0} = \frac{F[X_2 - X_1] - F[X_1 - X_0]}{X_2 - X_0} = F[X_0, X_1]$								
12 - 10								
						1		

Subject	موضوع الدرس	Date Co-						
A Find y at x=0 by Newton divided difference								
method								
O linear .								
X -1 1 3 5	y = bo	+ b, (x-Xo)						
141015171	1 1 1 1 2 1 2 1							
1) 1 2 2 1 - 7	y s 3	$3 + \frac{2-3}{2} (X+1)$						
25 601- 5-1	1 517 32							
(2 Quad vatic	y s ?	3-2x-2mm = -2x+2						
110 . 5 11300								
y = bo + b1 (X-X.) + b2 (X-	- x. \(v. x. \)	(a) = 2.5						
	- b2 b3							
3 (0.5)	10							
	0.5							
3 5 1155	-0.395							
5 -1> -6) -1.8.75	15-94 4 10 - 85 10 18 miles						
	60 638 #	9 30 4 35 E CE F 17						
200 00	d Jane	1 60297 ac + 22 87						
y=3-0.5 (X+1) +0.5 (X+1) (X-1)								
y (o) = 2								