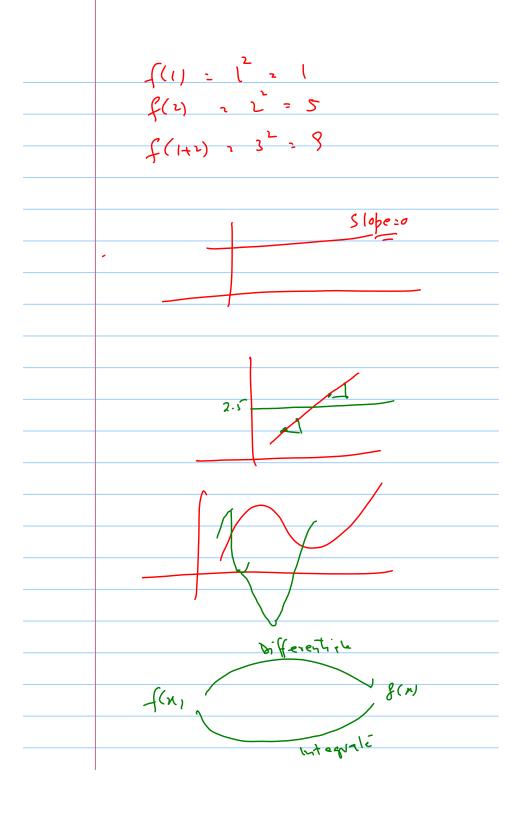
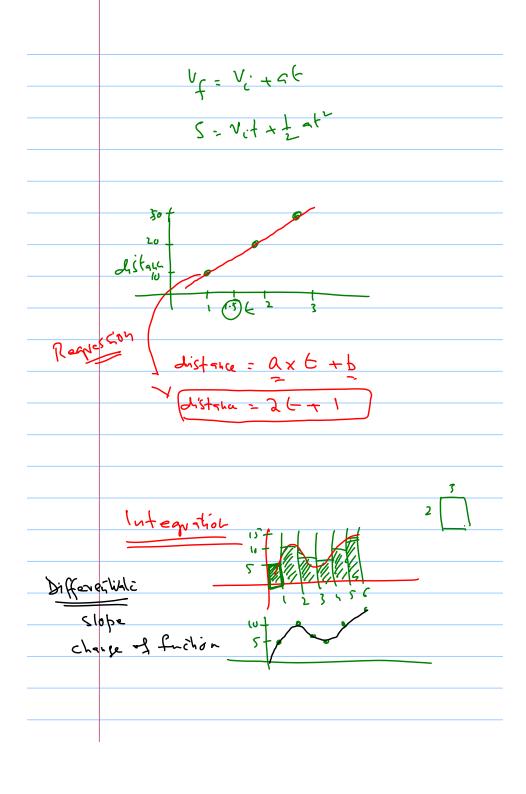
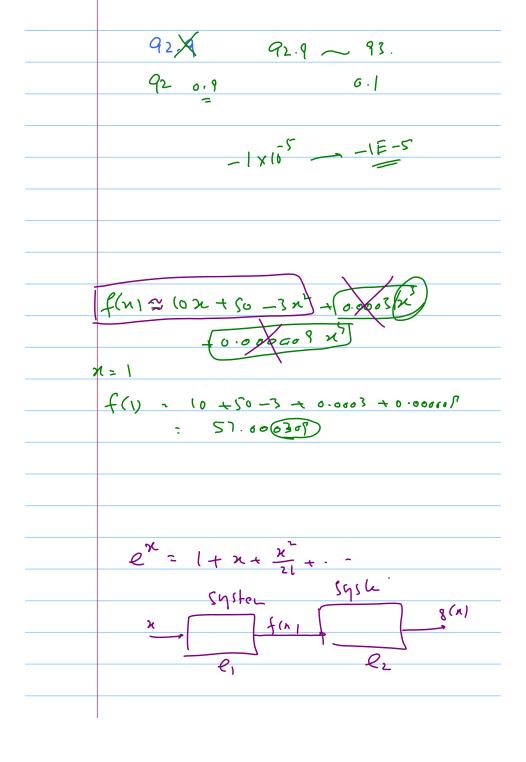
Note Title 6/16/2015 Linear Function Non-linear Furction f(x) f(x1+x2) = f(x1) + f(x2) + c f(n) = 5x+3 $f(x_1): f(1): 1 \times 1 + 3 = 8$ f(x), f(z) = 5x2+3 = 13 $f(x_1+x_2): f(1+2): f(s): 5x3+3=18$ f ()1+7/L) = 18 f(n1) + f(n2) = 8+13 = 21 f(n) = 8x f(1) = 8 x f(2), 16 f(143): 24 24~ 8+16 f(n) ~ x2







7, = 2(2)
<u> </u>
χ ₍₊₁ = 2η; χ ^t χ ^e er
$x_0 = 2$; $0 = 2 \cdot 2 \cdot 2 \cdot 0 \cdot 0.5$
2 1 1 1 1
$x(\dot{c}+1) = x(\dot{c})$ 23-4257 16 7.
end
X = 2.0 + 04 Msx = 2.1
X = 2.0 ± 0.6 Mex = 2.1
1 = 3.0 + 0.2 Max = 3.2
Mix : 2.6
2 - × X Y
2 = 2 x3 = 6 Mex 2.1 x3.2 = 672
Wir 1.6 x 3.8 = 2.3 =
5.32 <2 < 6.72
_
2: 6-16.7
5: 8 - 0.4
€ <u> </u>
e ^L E
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DE = SE DE + SE DE DE
JE JE

$$\frac{\partial \mathcal{E}}{\partial F} = \frac{1}{2^{1}E} \frac{\partial F}{\partial F} = \frac{1}{2^{1}E}$$

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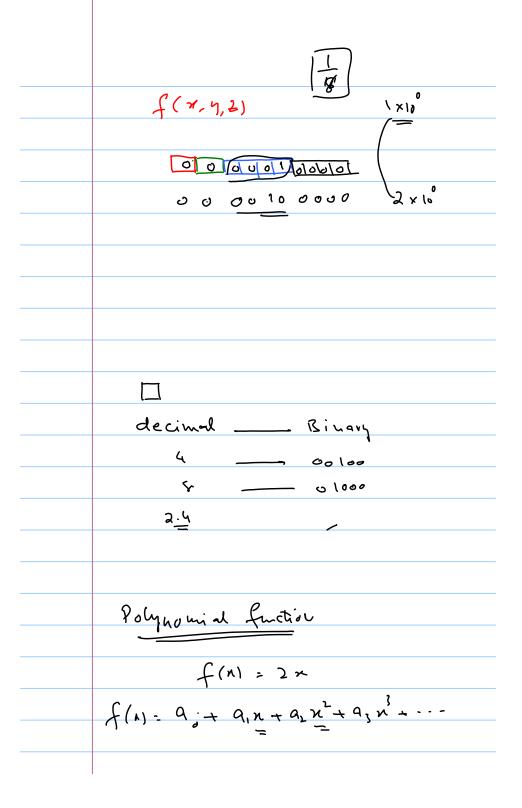
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$$\frac{\partial \mathcal{E}}{\partial F}$$



$$f(x) = x^{2} \qquad x = 2 \rightarrow 4$$

$$f(x+h) = \frac{x^{1}}{f(x)} + 2x \times h + 2x h^{2} + ox h^{3} + \cdots$$

$$x = 2$$

$$f(x) = \frac{x^{2}}{f(x)} + 2x \times h + 2x h^{2} + ox h^{3} + \cdots$$

$$f(x) = \frac{x^{2}}{f(x)} + \frac{2x}{f(x)} + \frac{2x}{f(x)} = \frac{4x^{4} + k - \frac{14}{f(x)}}{f(x)}$$

$$f(x) = \frac{x^{2}}{f(x)} + \frac{x^{2}}{$$

	1
	N Actual Predicted CWM
	1 30 10 RO 2 30 23 F 3 30 29 1
	2 30 23 F 3 30 29 1 4 30 30 0
	3 30 29 1
	·
	5 30 30
	× () 2 × 3 × 7
	$e^{x} = 1 + x + \frac{x^{2}}{21} + \frac{x^{3}}{31} + \frac{x^{5}}{41} + \cdots$
	x: 2
	x: 2 2 : e = 7.389 e : e = 7.3890 to.34
	e: e:
1	^:\
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<mark>አ</mark>	= 3 1+2+ 4 = 1+2+2 = S
	$\frac{1}{2}$ $\frac{1}$
	~25 6.33 + 16 = 7.2