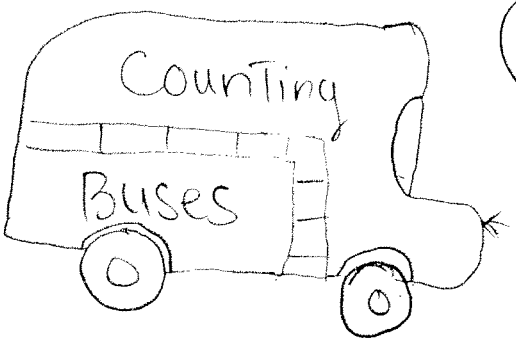
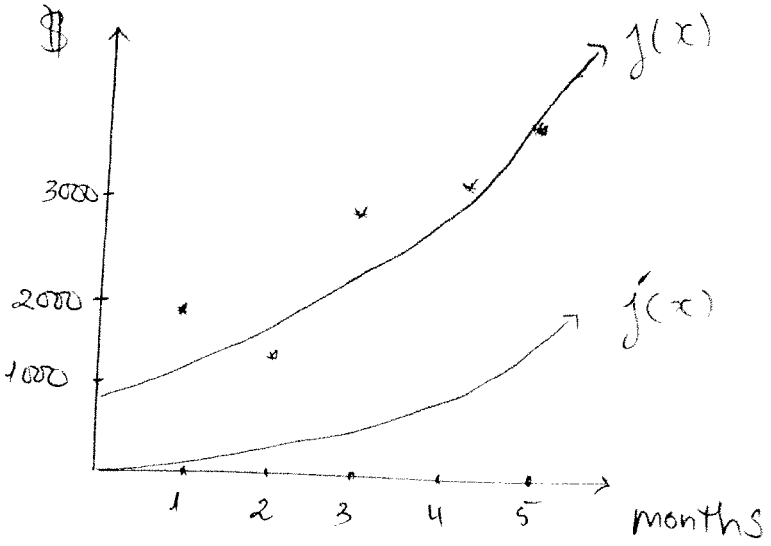
~~HW #4~~ a
Classwork #4



Data:

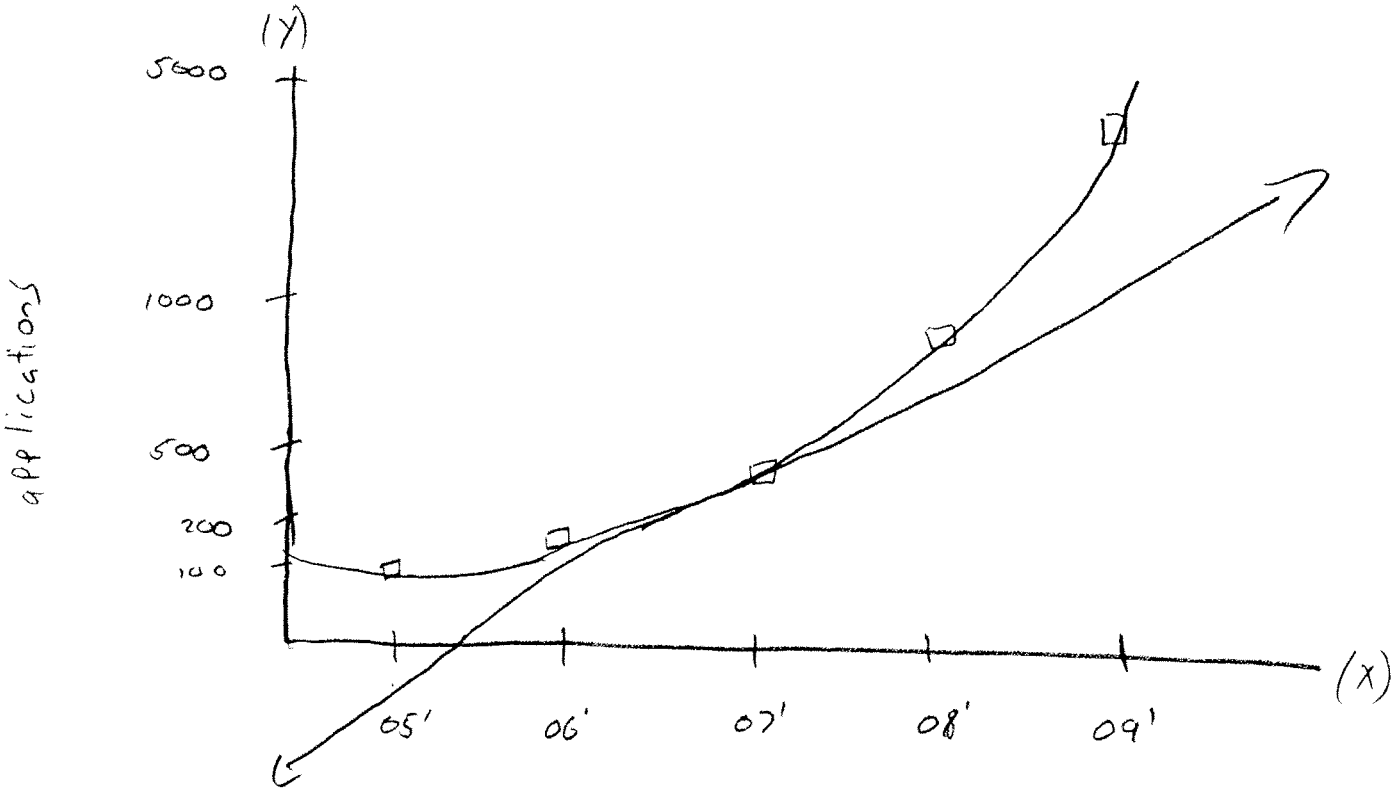
Month	$
1	2000
2	1500
3	3000
4	3500
5	3500



$f(x) = Y_1 = 0.527... * 1.00^{\wedge}X$

$f'(x) = Y_2 = nDeriv(Y_1, X, X)$

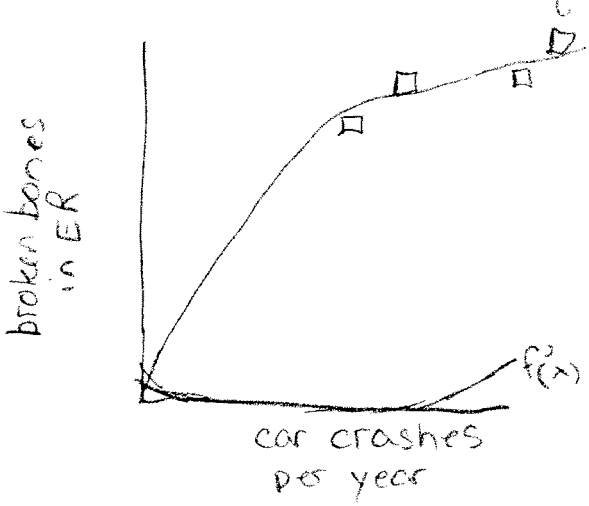
DGK



X	Y
2005	100
2006	200
2007	500
2008	1000
2009	2000

Double Helix

finding $f'(x)$

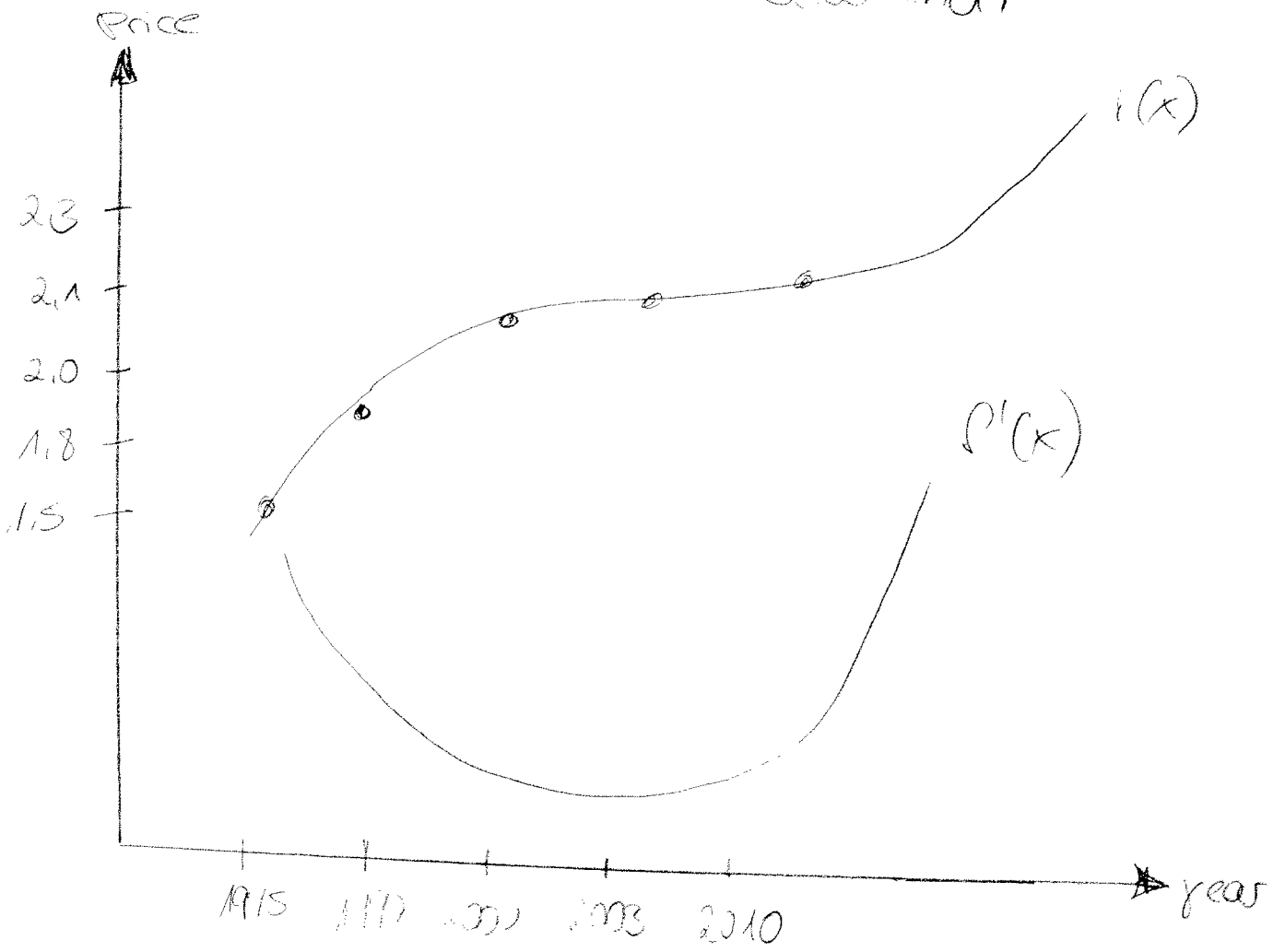


$y_1 =$ [VARS] statistic: [EQ] RegEq

$F'(x) \Rightarrow y_2 =$ [MATH] nDeriv(y_1, x, x)

* Note: when you zoom fit, reset the window parameters correctly!

Deutsche Produktion



degree of $f(x) = 3$

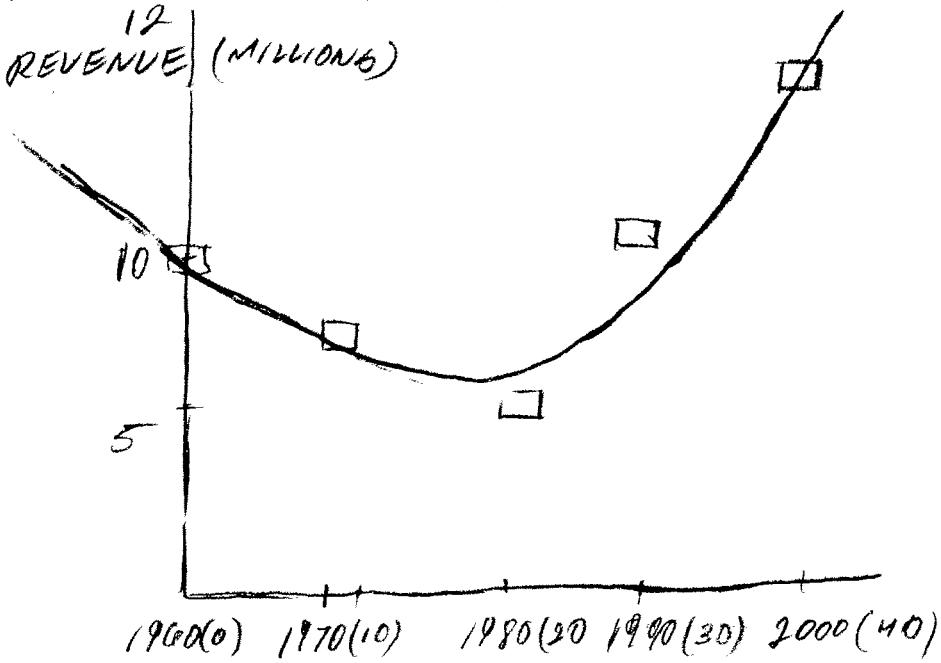
degree of $f'(x) = 2$

INVESTMENT BANKERS

- STEVEN BRUNS
- MAIKO ARAKI
- LUIS TINOCO

$Y_1 = .00918\ldots X^2 + -.29982\ldots X + 9.27114$

$Y_2 = nDeriv(Y_1, X, X)$



STEPS IN CALCULATOR:

1. Type equation into Y_1
2. In Y_2, MATH, 8:, nDeriv
3. VARS, 1:, Function, [nDeriv(Y_1, X, X)]
4. GRAPH, ZOOM, 9: ZOOM STAT

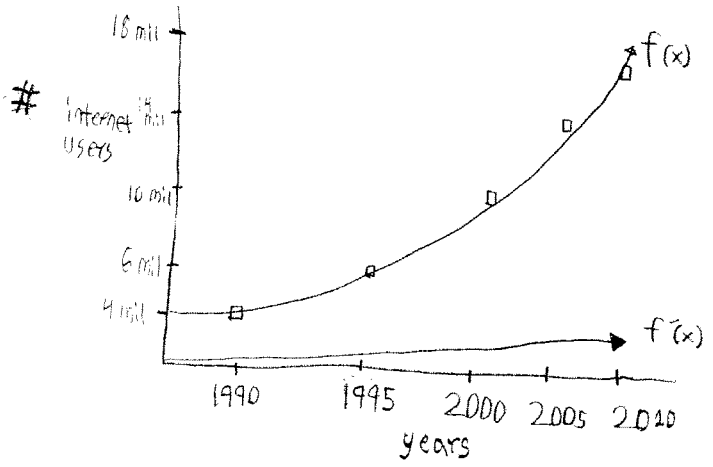
X	$\frac{dy}{dx}$ $f'(x)$
0	-.29983...
10	-.116114..
20	-.0676...
30	.25131...
40	.43503...

Ted Condo
Grayson Rogers
Patrick Wells

2/7/11

Classwork

I. T.



M.A.T. FINISHERS

Julian Ward, Mo Selim, Hiroaki Tomioka

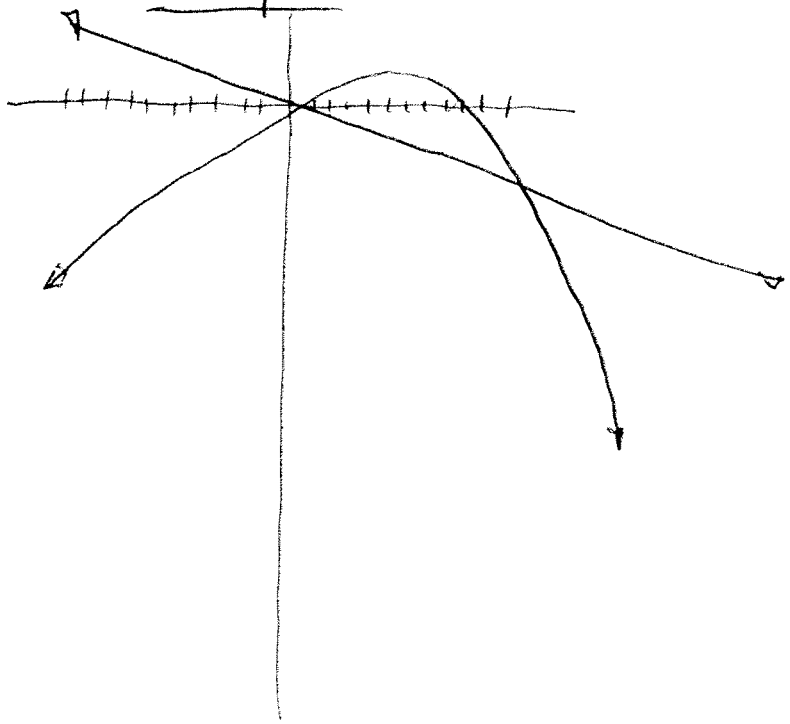
STEPS

1. STAT, press 1, plug in data
2. STAT, →, Calc, press 5, enter
3. y=, VARS, press 5, →, →, EQ, press 1
4. y2=, MATH, press 8, VARS, → to Y-VARS, press 1, press 1, (plug in with commas) X, X, close parenthesis
5. Graph, WINDOW, zoom fit

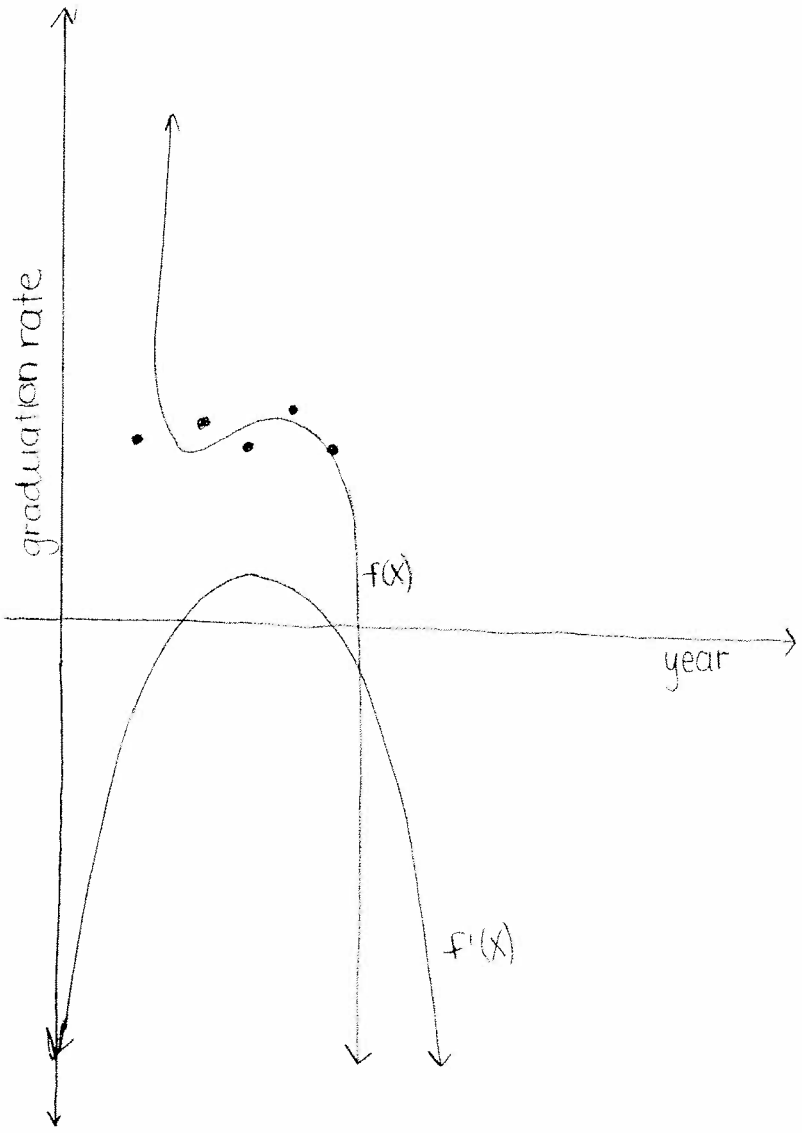
Data

x	y
3.5	.08
3.35	.085
3.2	.09
3	.092
2.95	.097

Graph

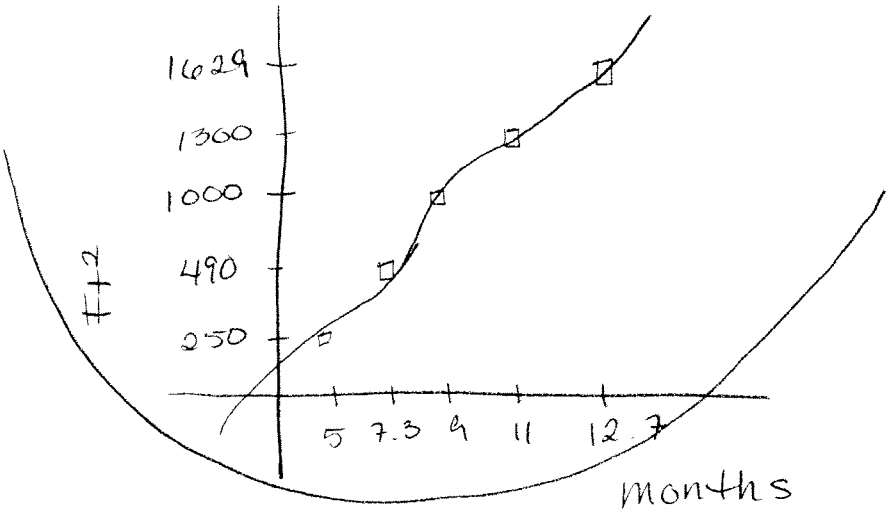


PURPLE PARROTS



In	Out
250ft²	5 mnths
490ft²	7.3 mths
1000ft²	9 mths
1300ft²	11 mths
1629ft²	12.7 mths

X	Y
763.45...	.0042...
851.47...	.0039...
939.5...	.0037...
1086.33...	.0038...

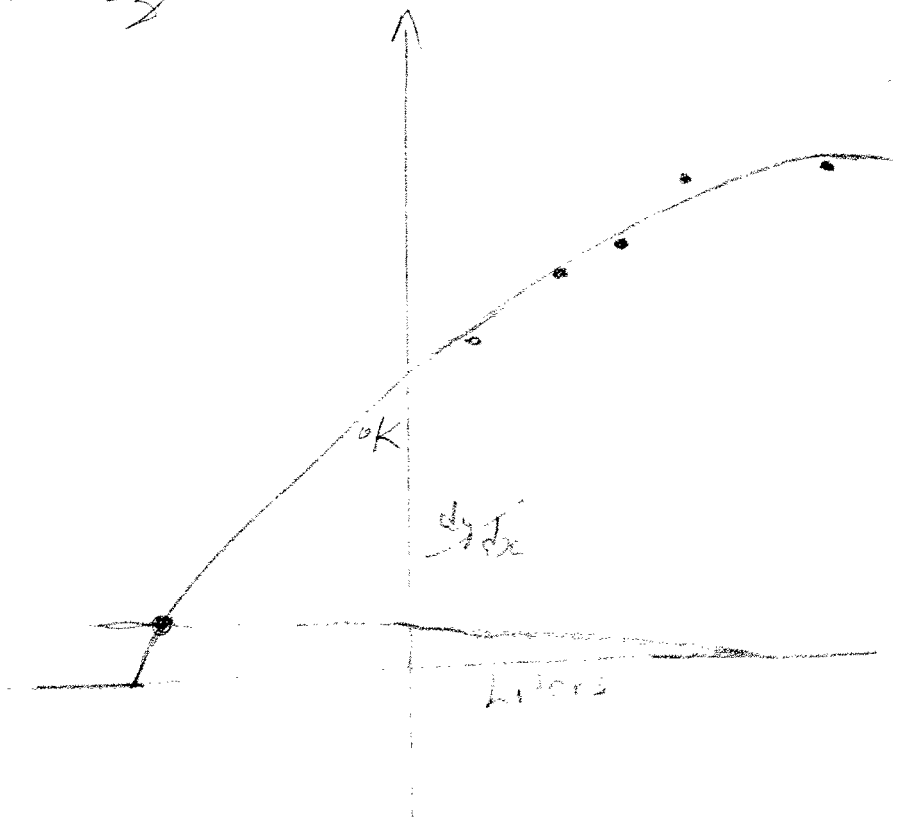


Abraham Sherman

Timothy Lukowicz

Biochemistry

02/07/11



X	[illegible]
0.2	316
0.4	329
0.6	[illegible]
0.8	372
1.0	382