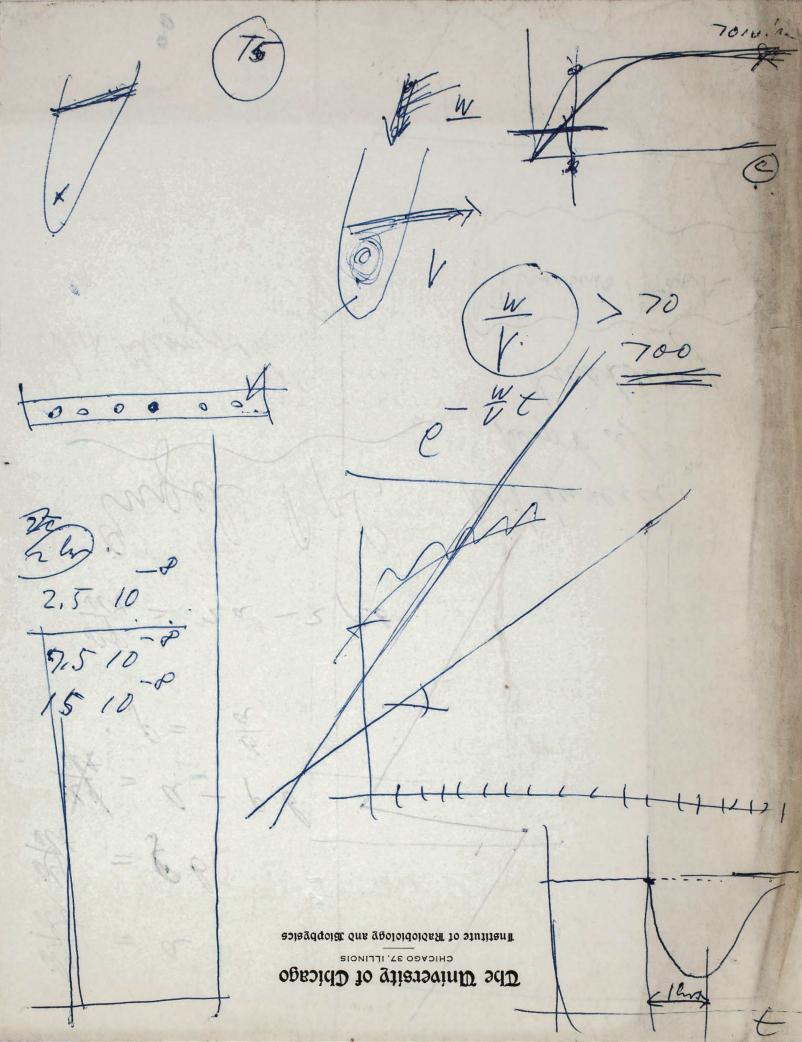


1 in 10 is negotiare [LUV 10 mipoval motoral meliota (culiale). (1230)
After V.V., rechored Limple. The tobes on prime

108 Sol-4 0.02% 0.02 pm in 100 cc 1880 min /8 Tomens 5 min / 100 ca 52/2 mortual 180/mutent Street independence



ett = fb of = 2a - 2 pb Engel P.P. kept of Andrewy Rophel Kurzrek tramus Ranh

Potents V 3/10/66 Dof 8 Transfile = 1 "1950 Paper" Biology The Ditter. Chomostatty Several versions Preprint. 2) Notebook - hab books
2) Clipping. Denver Post. Jan 21, 1951
L5 Joined V. Colo. Med. School. Visiting Brof. Biophysics
"Algae - 1950" Also Dio 1750.
Memorandum on growing Photosynthetic
Organisms in Suralight & Daylight. Jan 19, 1951
(ypol paper, never published. 3) Microbial Genetics Bulletin. # 6. April 1952. Cold Spring Harbon. A) Cold Spring Harbor course Notebook. Aug.?

Laborators Manuel, 1947 Bacteriophage

1 Microscopes. 1953, equipment catalogs. 6) Biology: Freezing 1952 (with Fox) Data, 1953. Includes bibliography Photos 8) "Aging" Calculations References hotes.

Stalin letter E 10) Clipping. Wash Post 11/25/47.
"Scientists' Appeal listelinbalked"

[welndes letter from selvool children & answer by L.S. Christians cards 1947. Correspondence re Stalin from public. Biological Motor "Library". References, Includes hist of books borrowed from biology Library (12) Misc. Found looso, Removed, Renumbered E-40 Prints, Abstracts Assorbendal Halter tr. Nétowskay 209 Ut exameled up by to to 0.05 monuel 0.12 C = Co C Keyhn 0.1-0.3 25 miles dh = hn co e horskuto of hyder dalice 0.01 mgn / in test 24 mins = 1.5 gm 1 grain = 0.06 gm = 60 mgm

In alle = In Buco - Kytha /6 thereof 0.23% des yland 4 mgm J 280 x 2 1400 Mouns 20 to 80 minor mys 66 sale 0'2 miles Anch yours 108 1/2 00 moore 65 himes 13 gm etyly require 13 gm 5-19 gra in 100 ce 1:16 19 you in love

Toolized salt [port of this]

Litter min | 2 gmis perday)

15 fr 4 0 8 folg = 2008 / day sudminum regnesse meest unhart I'll chore CENTLY THE 2 /2 com Marine State of the state of th

In bothel willyhor Sp 27/7/11/134 laille pr+1 thouse 1. Allan - [Am)e remain B-Klas eBn offen) = a ffen) - k ffen) 2 (f(n-K) f(n+k) f(n,0) x + k (h.) - k (h) = a(h) 16) es (a-1) - daryl fa)= Man fin h) [[+ 2+ 2] = k ([- 1) # f** hot got of got of 1 (mr) = 4(e) N hahal number 3 Amje \$(0) - \(f(0) = \alpha \) \(\frac{\delan}{2} \alpha \frac{\delan}{2} \alpha \frac{\delan}{2} \) 11968 Ma v hhe 2233 W I 5101 - My = P(n-1) f(0)- L= a

Po 2 flij //h) e (i+4) B e i+4 $\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) - \left(\frac{1}{2} + \frac{1}{2} \right) \right) = 16$ in (e(+cs)) U+K 1+ 9 + 4 2 + 43 ... ZALHA ACAHAHADZIZALIZAD $\mathcal{F} = \left(\frac{1}{1-1}\right)^2$ 1-8 (1-1992)²
2 1-f] f(0) $\left(\frac{1}{1-\frac{1}{d^{1}+p^{2}}}\right)^{2}=\mathcal{H}_{0}$ (10) (10) (100) (100) = Ho) 1 = Ho) - 1 = Ho)

R=10 L L 1 N+10 R N L K+1/10 - JEI X = R(0) 1-f = a+x) $\frac{k(0)}{(1+(1))^2} = \frac{k(0)}{(1+(1))^2} = \frac{k(0)}$ 1(0) = 1(0) -2 x e (14) - 10 - 2(14) 0 = 1(0) - [2 x e (1+1) + 1 for x e -2(1+1) $0 = 1 - (260^{-(1+15)} + 1] - (5)$ 100 MA (1-4) 2 (1-1) 2 (1-1) (

affect of more flow one offing property and affect of the form of the form of the form with the with a love of the form of the form with a form with a form with a form one of the form of the a f(m) duneas in h &1 yeurolders $-\Delta f(r) = \alpha f(m)$ A = fm = m fm /e - sm elly smeether) e a f(0) = m f(0) - 2 m f(0) a + c m = m(a- 1 me + 1 m) f(n) = 1 mé e/h-1) fr) - 1 mere - 1eren fr-1) - 1-e-Br

Ste & Katchor in Thys Chein the hundsground & Rehlung Physiology

Call

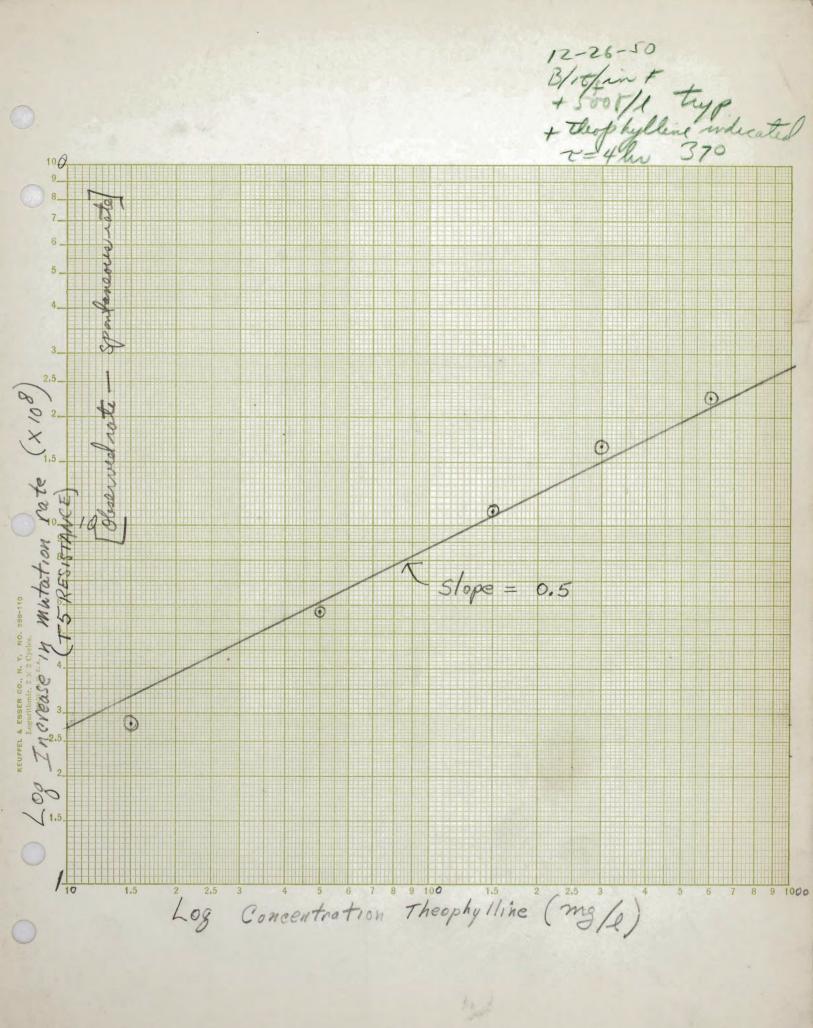
Library Physiology

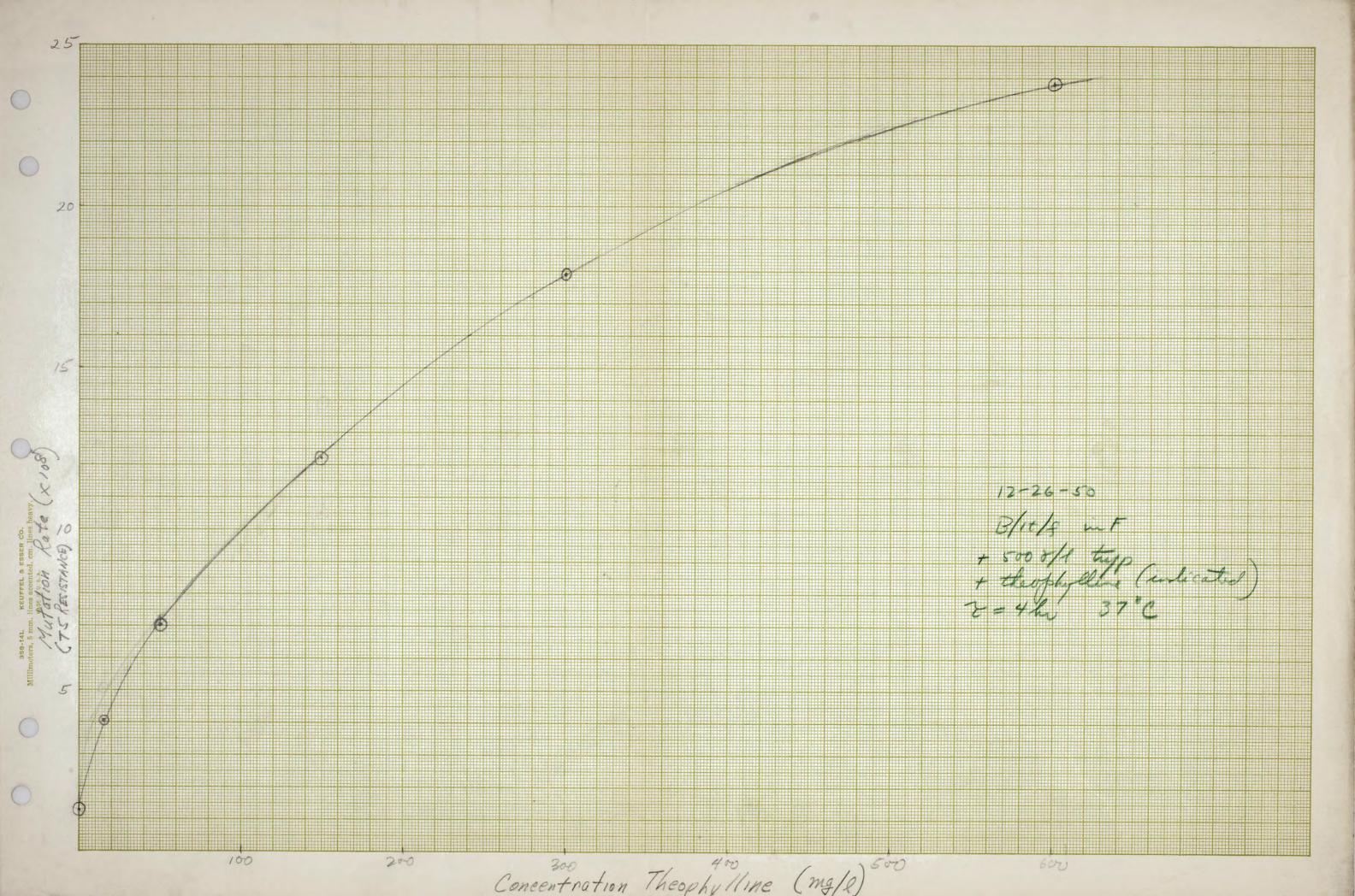
Library

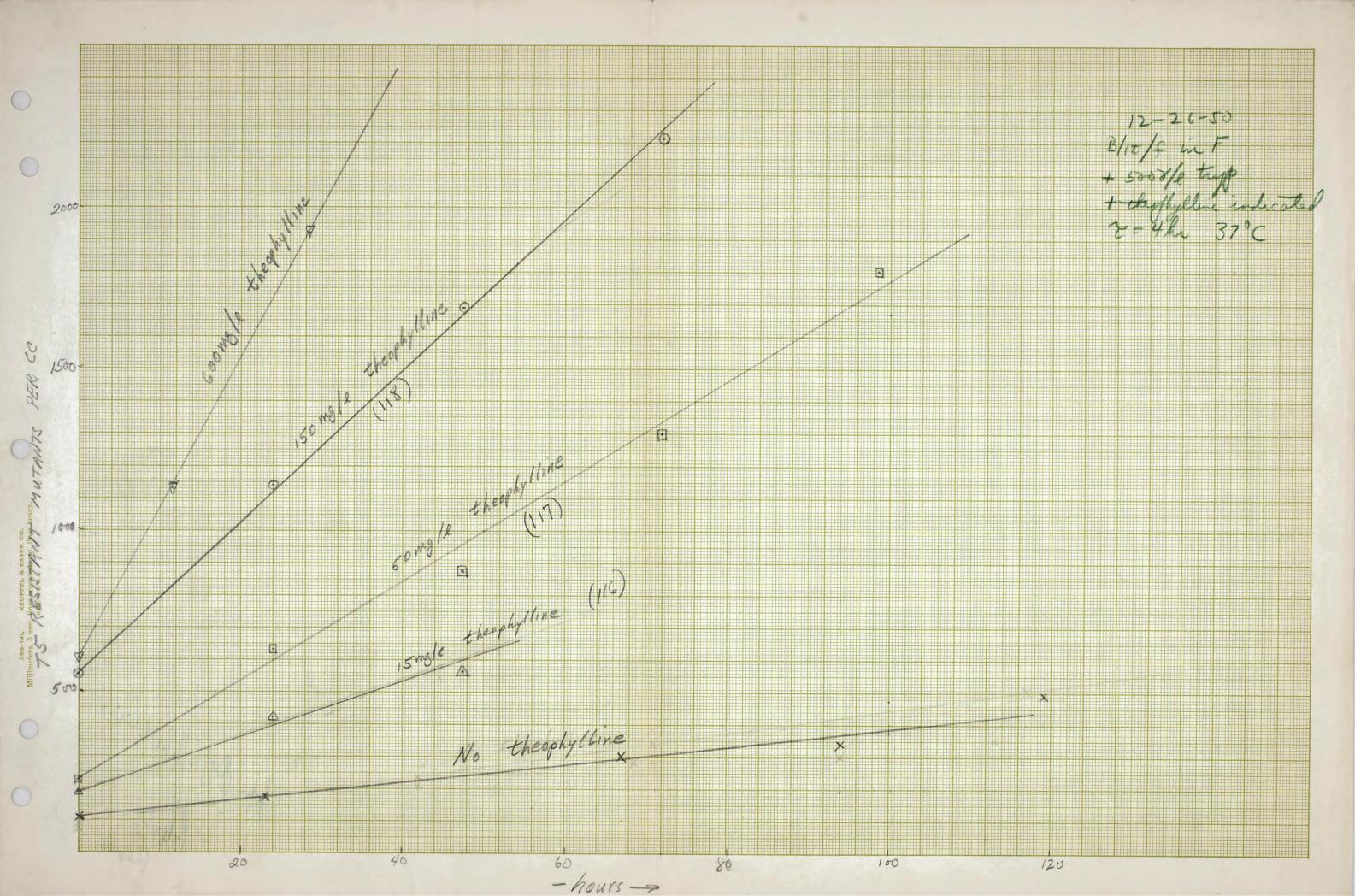
Linden Lang

Flather Shalversed Just There

He Cols lang Landshie Wenneyreen mot. I Amunston (Chem.
Corporan Mystala. Kershadius bip. of Zaol. Sen Unkin Lygs

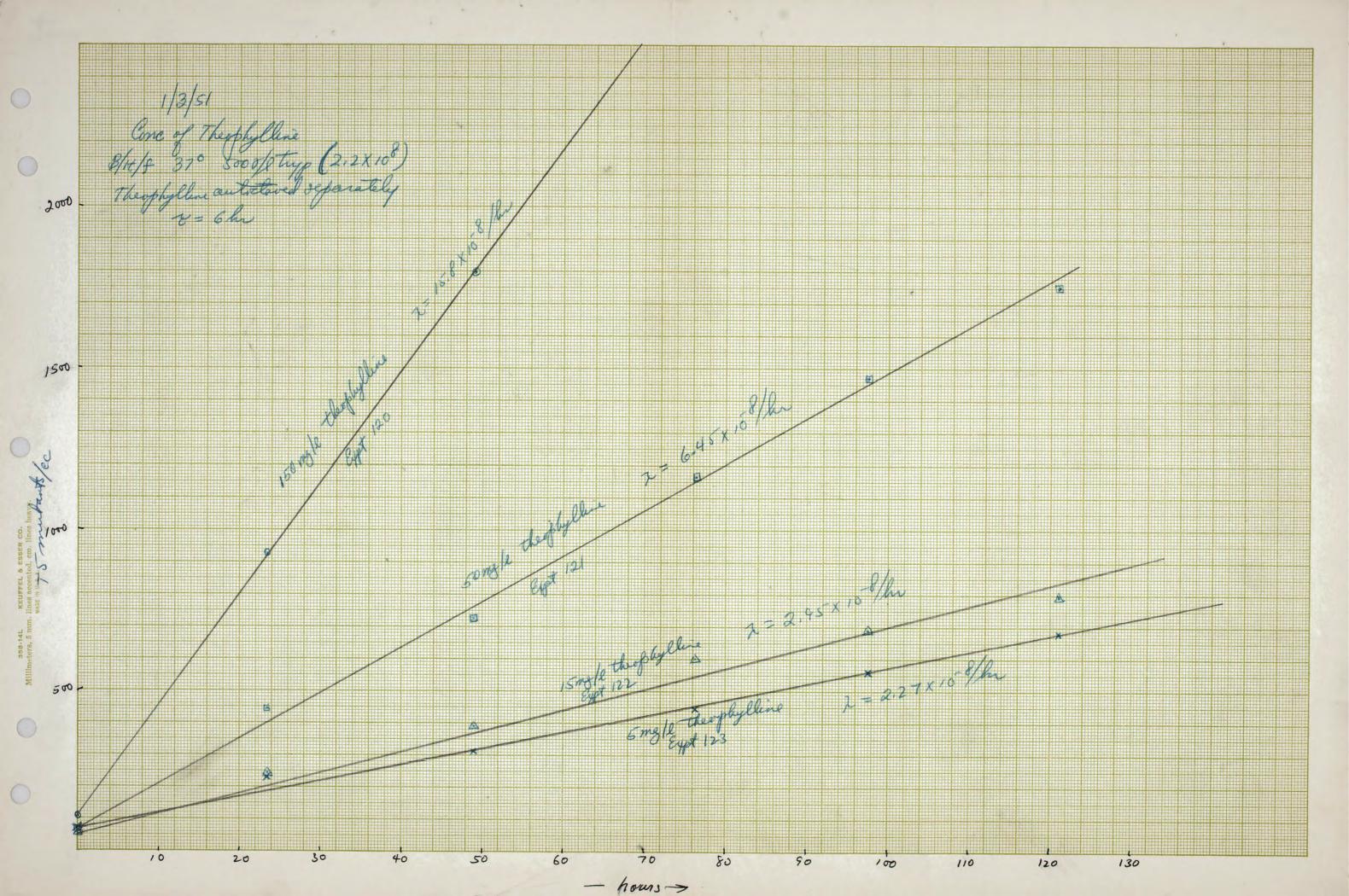


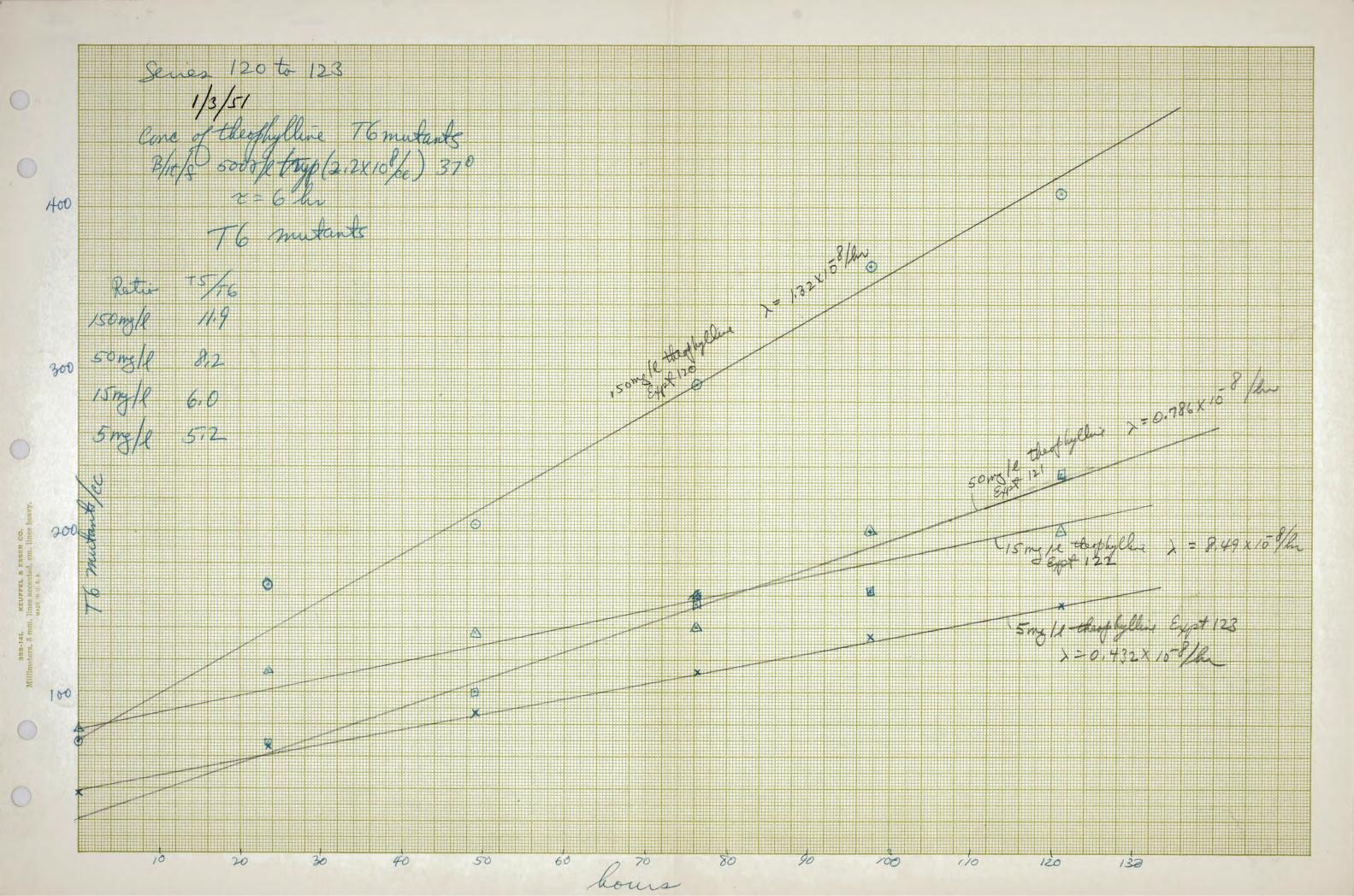


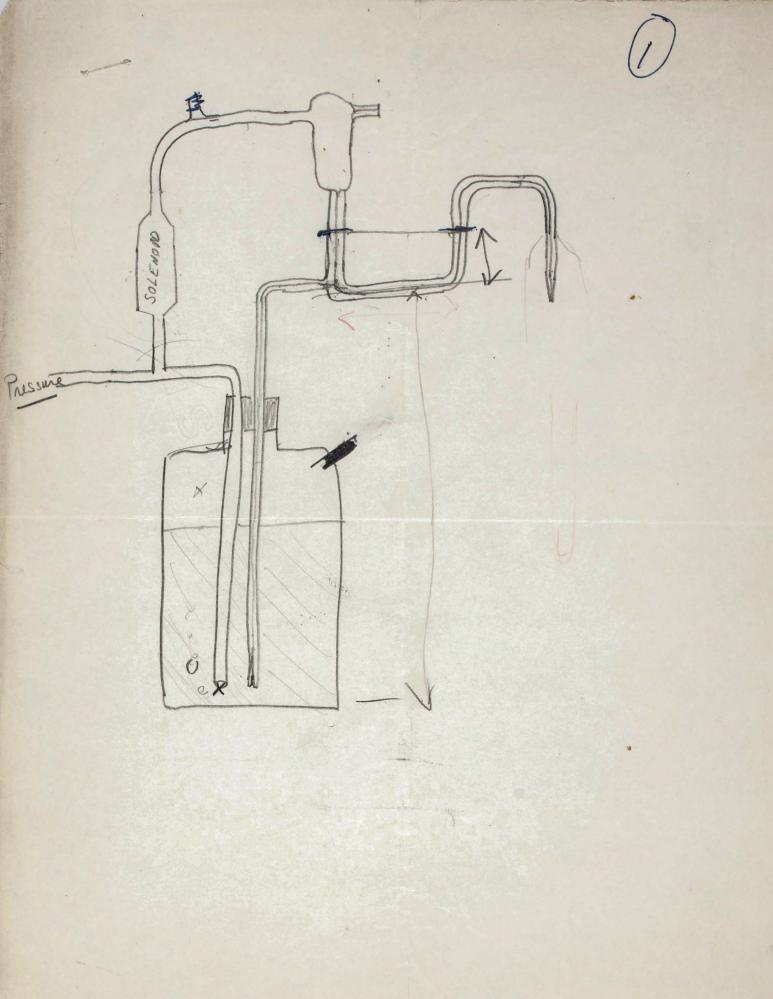


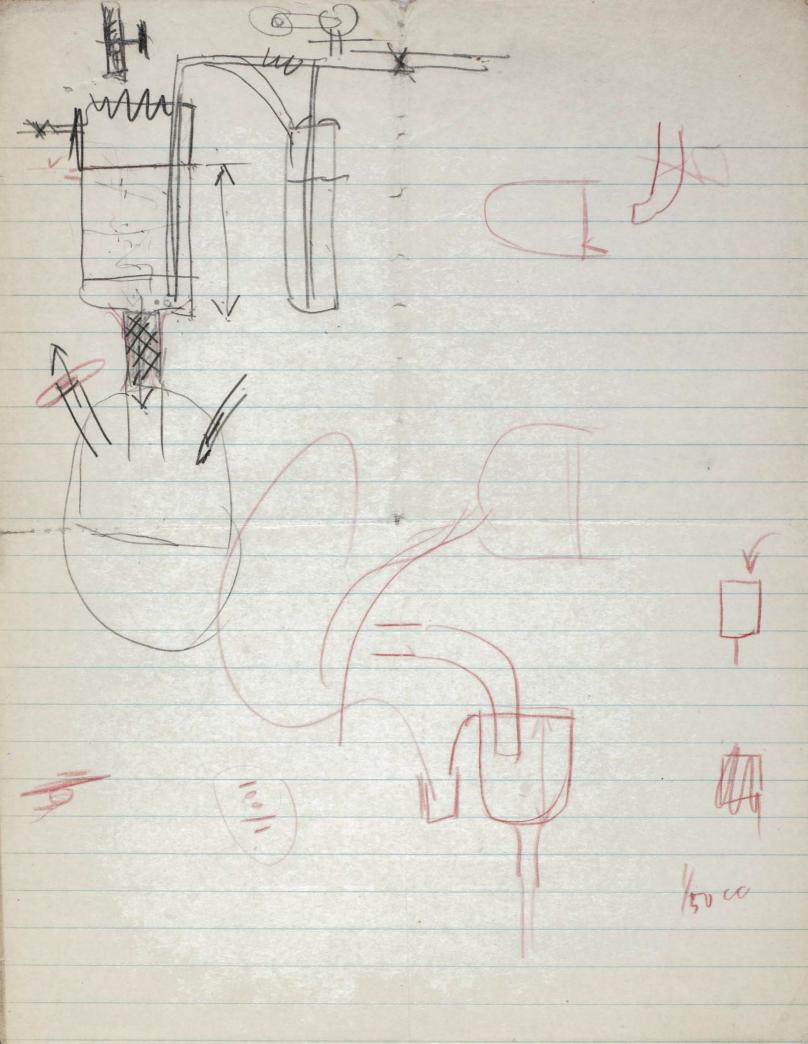
1: Hi Miller Bores

Values corrected for & Spendeneous rate of 1,25 × 10 8/hr rate (TS, X108) 0 log male Theophylline

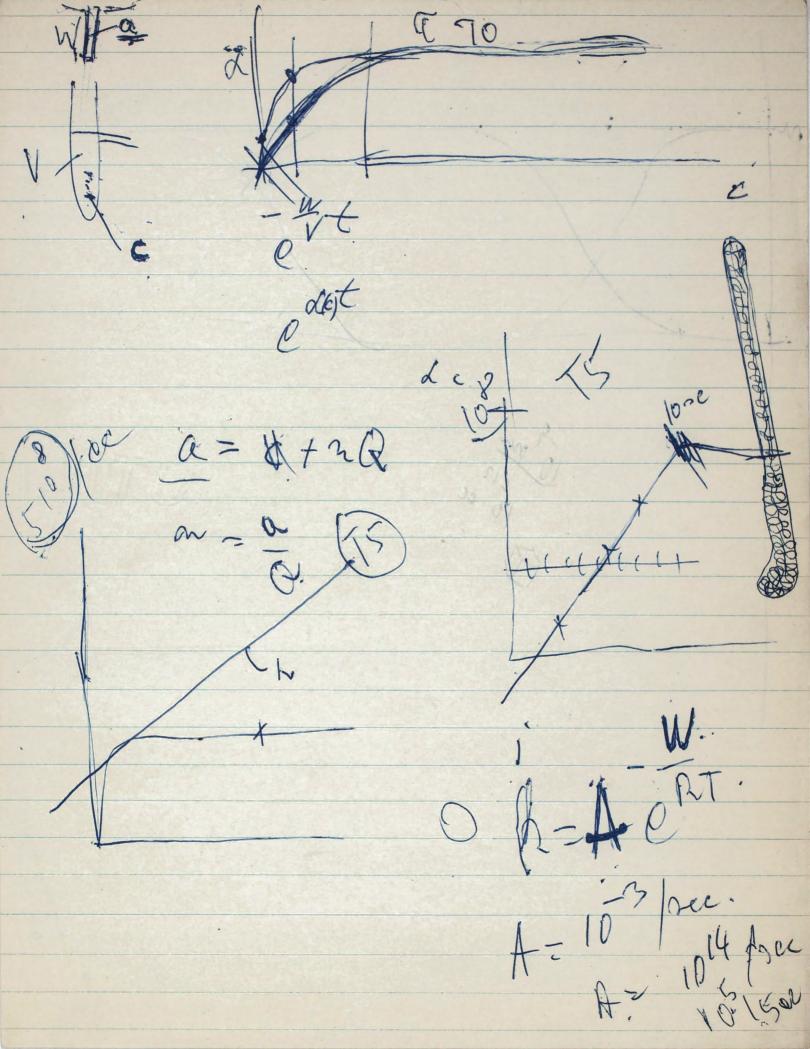


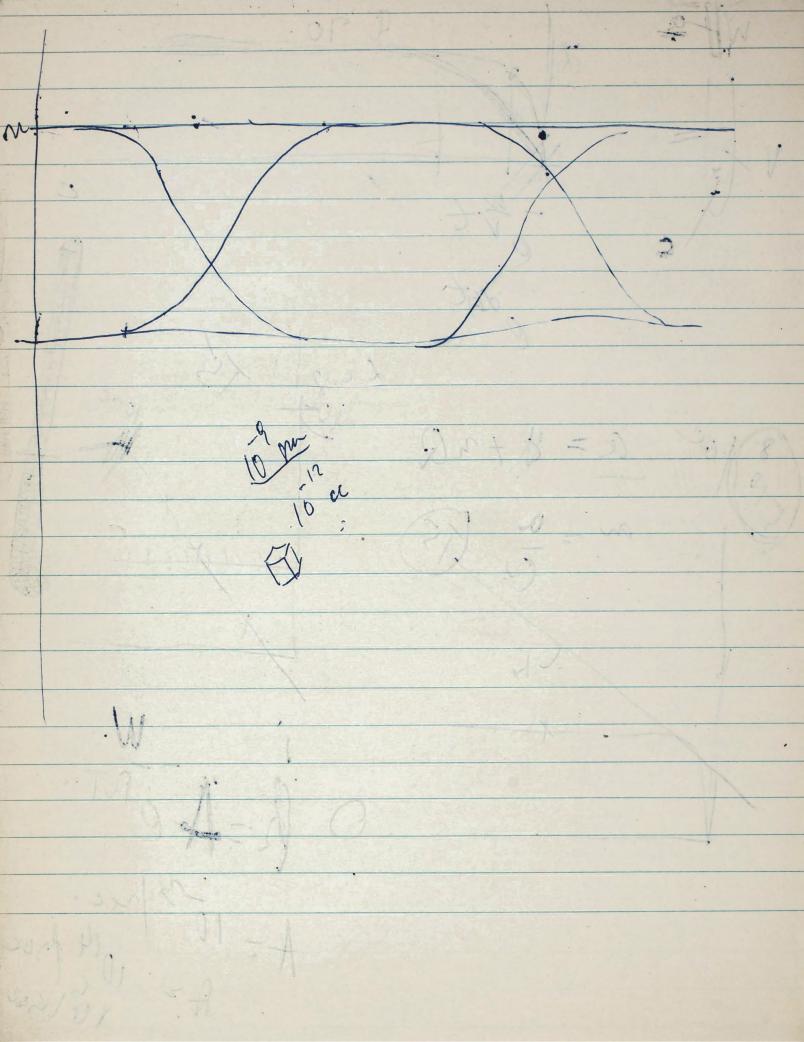






fry [h=h] Elars Mullium S 10 Years 30 Kul Pday hy (40 linus) 3000 kg myor - Ly my of /hg bly 75 hg 3500) × 7500 min / = 100 60.00 = 150





 $\frac{df(A, t)}{dt} = cf(A, t)$ $\frac{df(A, t)}{dt} = (x+ct)f(A, y)$

(X+BA) = C (X+BA) = C C(X+BA) = C $Consider = f_1(K) A^K f_1(R) = 1$ R+l=n Shis = n = C coneff = 1 $g_1(X)g_1(X) = g_1^2(X)$

df(n) =

 $f_{n+1}(m) = \sum_{k \in \mathbb{Z}} f_n(k) f_n(\ell) \ell^{-\beta 2m}$

 $\int_{-\infty}^{\infty} e^{2\beta m} f_{n+1}(m) = \sum_{k=1}^{\infty} f_n(k) k f_n(k) \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} dk$

 $\mathcal{F}_{n+1}(ne^{2B}) = \mathcal{F}_{n}(UA)$

(n) E, (a) e (w) of we head

f(+) = = = PR+ [+(x)] $f(f(r)) = \frac{1}{2} P_n \left(\frac{x}{2} P_n r^n\right)^n$ fGI= TPn fx 9 (I) 3(D) = = 7 A + K f(x) 3(x)

-Oblier amungstran fa)=1をでりたーリ /m) = de mp f/m-1) To a composition of the second /10) /10) x e 3 / (0) (x) 6-73 6-20 B 2 B Luperthemoster Juniny Boneterta per see. It (w.n) every lost. i'm facted,

Watte To is labout

pertand

We will harst per sec. girding N

wat (c)

What was to complete the pertand

What was to complete the pertand to complete the pertan Soul an - wno Nee vi hes 2 m wz me = w no N(c) e Tre Co)

The phase wie.

The phase wife to

Imperhaus conters (n2)

- un L(c)

Mn2 - n, Wr - wono e

Vr V2

- wr (c) $\frac{-w_2 L(c)}{\sqrt{v_2 L(c)}} = \frac{-w_2 L(c)}{\sqrt{v_2 L(c)}} =$ in wend my fram Uremortat Wo, no, Wo Ex incoming frem salle branch, wr-wo, (wr-wo) a2/ Typolophane bulance hyphaneter (W2-W0) az + wo co = flo mo wo fz + wz cz

(W2-W0) az + wo co = flo mo wo fz + wz cz

is & enough for full pluse aut moto

e = 10 9 pm barbonin 2 10

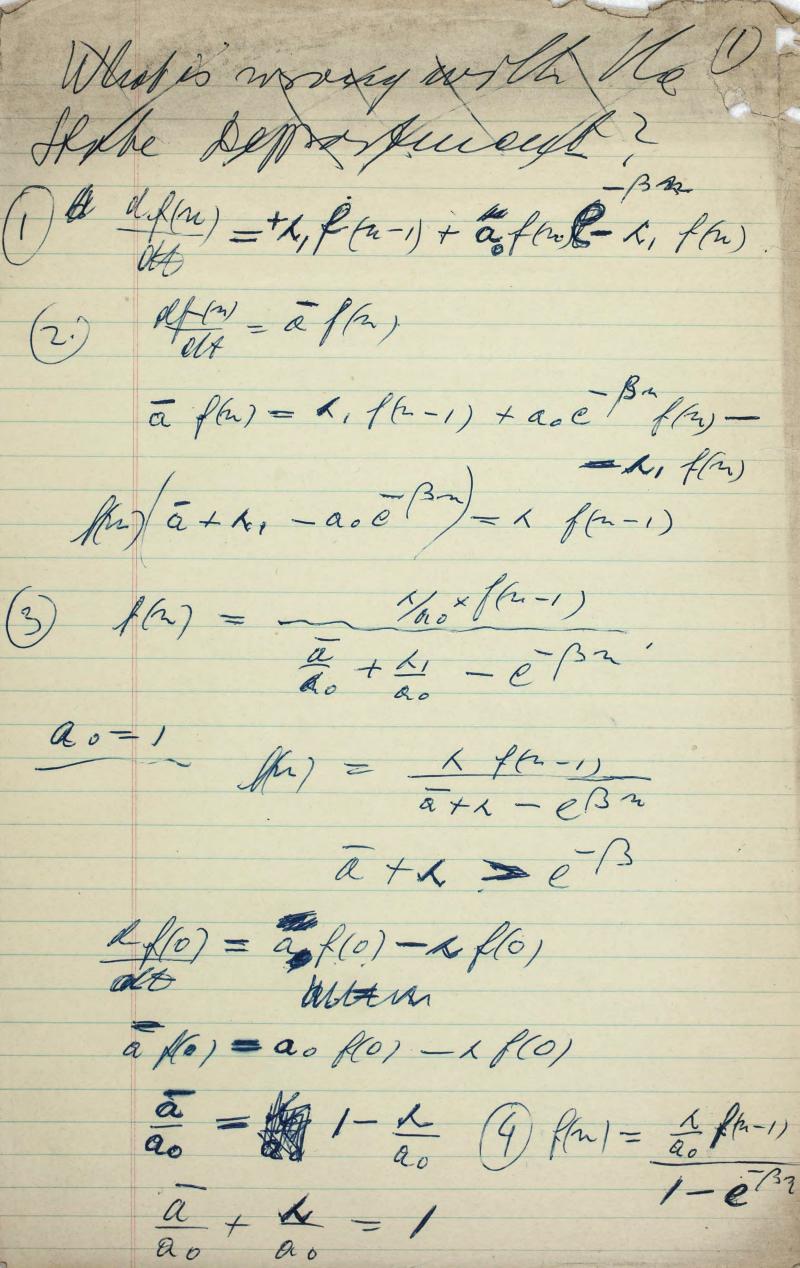
(Vol) graffel and (Vol) se 5.10 x 2 10 = 10 pm/ce If phase 1/0 of try John Bhane It hakes 10 hims a for pull field Inderesting ever stan flaw the . >> L.

Pryphytime anlance pulsee
(2) (wr-wo) ar + woco = (ter) mr V2 + wr cz two-water thoco-foes monded to the twoes followhould be of this of (e) and (2) questiver! further to work (cr) + wrer

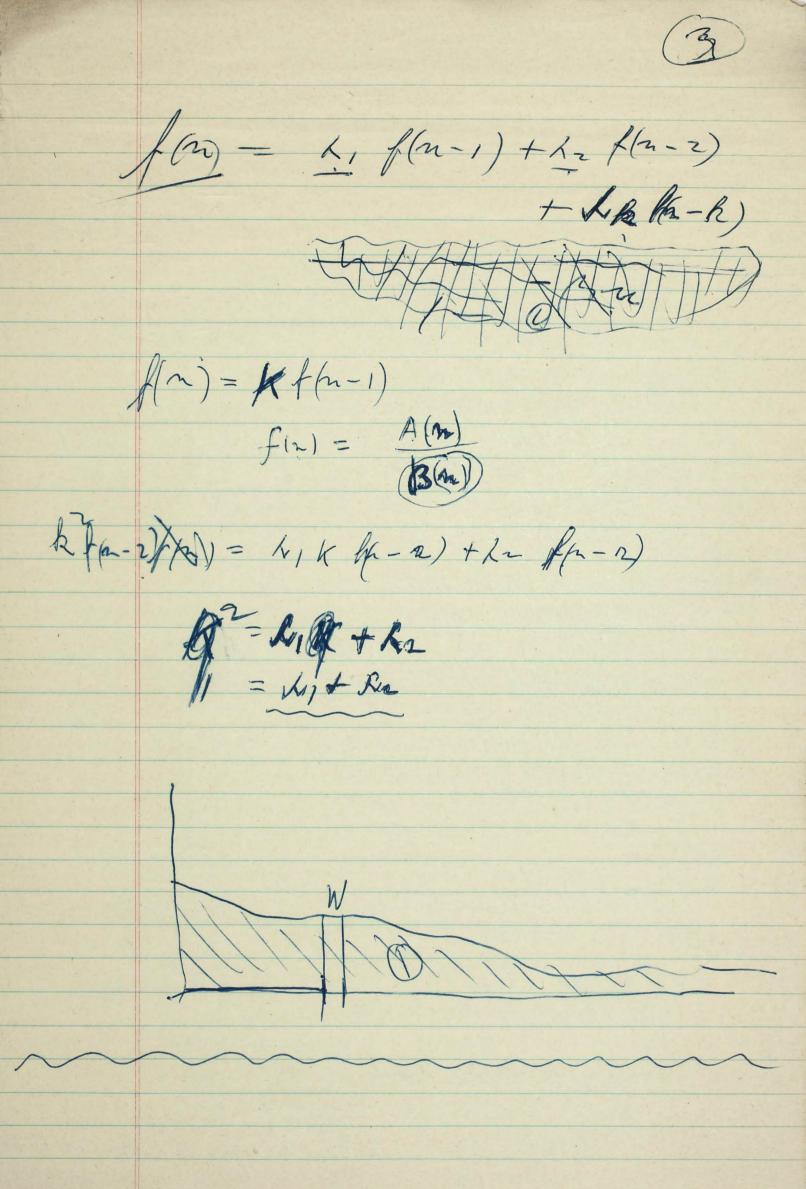
formowo lo + wrer

to mo wo lo + wrer (wr-wo) astwoco ~ folonowo + wrer (3) c 2 = w2-wo az + wo co = folomowo wo w2

butter & to to war if it is huben if up per plrage and plrage and of In men longe a(w 2 - Wo) + cowo is country in; AM nowo is laken up; czwz is leaving a(w2-wo) + cowo = AM nowo + W2 CZ infector centers are wrothed ant



(2) 2 d problem / df(n) = f(n-1) + ko f(n-2) + ao f(n) $- (k_1 + k_2) f(n)$ $\frac{df(n)}{d\phi} = \bar{a} f(n)$ $(\bar{a} + \chi + \chi) = -\beta m / \beta m = \chi + \beta m - 1 + \chi = -1$ $\lambda = -1$ $\lambda = -1$ 10-1 f(n) = 1, f(n-1) + 1 f(n-2) $(x_1 + k_1)^n$ $(x_1 + k_2)^n$ $(x_1 + k_2)^n$ $(x_1 + k_2)^n$ $(x_1 + k_2)^n$ $(x_2 + k_2)^{n-2}$ $(x_3 + k_2)^n$ $(x_4 + k_2)^n$ $(x_4 + k_2)^n$ $(x_4 + k_2)^n$ Mfo) = A ao Ao) - (K,+12) fo) a / = 00 - 11 + 12 $\frac{a}{ao} = 1 - \frac{\lambda_1}{ao} + \frac{\lambda_2}{ao}$ f(2) = NI (LI+L2) "(LI+L2) + L2/1+h2) (K1)2 (K1+22) + 1/ K2 (K,++22) + 12 (1+ Kz) 2-2



1 phyliam absorption (4) armine 10 Å reprise area 3 10 cm²

eigh minghiling +++ 10 × = 6 10 cm

6 1023 = 6 10 cm

100 × 10 - 12 × 1 too to 4 be no our even 8000 610 engymes × 10 cm² -8 -8 -8 10 cm² 10 13 (-2) (1000) ~ (1000) 60 x 2 10 4 (4) = 1000 Terphonol De disodved sin Flytens 5% Hofshelter Valuence Na (Kursdam) for f mys Frosch (grand Cuchal) Front-Revords full of France (no ?
medon servent) of her throt : measure?
ment in waig Borningham

and in Waripane . - Parents -Revoells - Edmon

 $\sqrt{n} = \frac{1}{\overline{x} - 20} = \frac{1$ ターノショう An)> 1/20 fa-1) for small 5 n febru hue bon longe 5 n 3)

An 1/40 /n-1) /sm >. 1-2/2

2 / 1/4 / 1/10 + /20

2 / 10 + /(1) + /(1) + /11 $f(1) = \frac{\lambda/\lambda e}{\beta} f o$ $f(k) = (\frac{\lambda/k}{\beta})^2 f o$ $|f_3\rangle = \frac{(\alpha/\lambda_0)^3}{3\chi_0^3}$ $|f(\alpha)\rangle = \frac{(\alpha/\lambda_0)^3}{3\chi_0^3}$ $\frac{d}{do} = \frac{2}{5} \frac{1}{m!} \left(\frac{N/d_0}{3} \right)^n = e^{\frac{1}{2} \frac{N}{6} \frac{3}{3}}$ $\frac{2}{2} = \frac{1}{2} = \frac{1}$

Mon 722 30 W E / May 30 NE / My Ky ~ 1.2/ky 4 hour Mus or per hour and by Area - 36 WA Anderia 4000 WE / My hour fretor Mun to hochenda about 35000 or I at a day in husbanda - 1 year in mon o - 2.4 hours or Az 2 do Repeat from Acratal Papentahan N = a = Lold or dN = aN (i) In the showing af hockers a contadming x(n) = x0 e Ba (2) fram-th rake on mutatoris e $\frac{df(n)}{dt} = \overline{a} f(n)$ (3) Shadranong state But defa = & f(n-1) + fac - 13 m f(n) (4) me oblada fram (3) and (4) 20 e ffr) + x (fr-1) a fa)= $f(n) = \frac{f(n-1)}{\overline{x} - x_0 e^{-\beta n}} = \frac{f(x_0)^* f(n-1)}{\overline{x}_0 - e^{-\beta n}} (5)$ all $n \ge 1$

Form (5) me akkun vince & L1

Hallen -1)

- Ba 1-632 und me further alkain, sine on B>1-Br (7) f(n)> 1/20 f(n-1) x (/x0 x f(n-1) = f(n)) for)= / (m) × 2/m mbreah/>0 (8) Z = Lo (1614 /11)e + /h)e + /h)e + /h)er. 101 + f(1) + f(2) + ... f(h) Mon of the ABINE AND A SOUNDE AT A SOUNDE AT Now if ft & for that hom (8) L(n) = ftm)+4(n) (provov.) = f(0) + f(1) e + 11, (f * (m) + 1 m) e + 111

do = f(0) + f(1) + + 11, f * (m) + 4 m) + 111

We can now show that $\frac{\mathcal{I}}{\mathcal{L}_0} \leq \frac{f(0)}{f(0)} + \frac{f(1)}{f(1)} \approx \frac{f(1)}{f(1)} = \frac{1}{f(1)} + \dots + \frac{f(n)}{f(n)} = \frac{1}{f(n)} + \dots$ $\frac{\mathcal{I}}{\mathcal{L}_0} \leq \frac{f(0)}{f(0)} \times f(0) \times f(0) \times f(0) \times \dots \times f(0) \times \dots \times f(0)$ In roler he obser that me worke AGH AMAN + AGN = 13 (m) And have then he show that

And Afrit 4 am 10 mp

Bay

Bay

Bay Afrit am (10)

AA1-B(A) e 30

AA1-B(A) e 30

Marker In res Hint me worke

for 6) 2 > eB from (9) An/+ A (2) e > e B

Bhy + A(2) or A + shipe - 1/3 - skipe - 20 or White A - Baje B same - same m A-Bh) = 1370 or A > Bm) eB lent since Bh) e Bh) e mps me hove A>BM) EmB putrick is I dentitud math (5) We may therefore worke \(\int \) \(\tau \

and from (5) $\frac{\lambda}{\lambda} = 1 + \frac{1}{12} +$ = e 12.p *[e-1] e-1-12-B or for small B $(10) \frac{\mathcal{L}}{\mathcal{L}_0} \leq \bar{e}^{-\frac{\lambda}{20}}$ But an the attraction lines from (6) \(\frac{1}{2} > 0 \) Thus from (6) and (12) er & e xo (3) LB WMAAA for any of me must have from (5) for large n and m f(n) = isson(1) m - m f(m) = isson(1) f(m)so it must he £ 21 (y) or LL L do