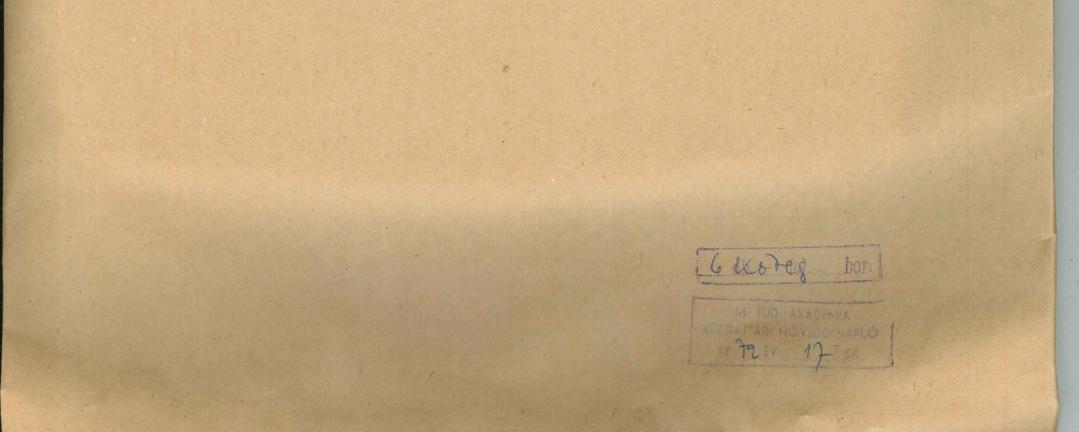
11,5098/8-13. Estre larand jezzeter ~ frzadeins felmoni formetsegether



Valleying do clank, Soha myalta. E hally as of horizer gen like in mpiggin . Mysel' hoperiter - While hohedas a within the balances] a Juli. - muling 1 The hit ally go and all ones yout's - A Mantus. VEVIAINON VEVERVEV SO WAMOGUE WYGAVE --8624 3 1930 3,5U7 23166E 23166E 2888 583 3 0 0 9-

Area Uner 80,5 bos. Krythan J. Jan Voris cini hornige 82,5 boi 12400 and yo bealeton boi myrigere bos bor begg i aragula 185 bog. 12 marts perorters. d.n. Yihn bog. Kitna Im hat Vin Chyn ein frin 570 | hefiter 400 marigan 530/ 2 You wal he web p= polital) Vao Pa = U 6+2+= $V = V_0 = L$ 275 $V_r = V_O($

4 7 2: 10 46' Sin r = Sin i lay ain 10° 46' = 9,2713997. My sin r . 1248201. My 1,200 9,1465696 varia" 80 = 8°)' 2 Dz = 3° 55 1/2 S,= 690 29' 240 37' 0,725 9116 Aug 502 971 2758 My 476 9,7546358 MAGYAR MAGYAR 0,0240274 KONYVTÄRA suizin 60°23' = 9,9291652 1248201 2907 9,8143352 787 by. 573 400 421 115- -9524 202 69 3.9 8392 Sin The = in 34° 492'=0,5710720 din 2: = ain 1° 57 9' =0,0342455 My 0,5368265 = 0,7298268 5375 29875 0,8803518-1 Dur 0,4752079 by 3=0,4771212 9,1505150 = 2,5 25 0,5949561 2,4338163 May a 2, 7338163 1 3T2 40 = 0,1611398-2

924 12 hil 285 592,5 906 55-5 a galjo sugara 12, letimates. 926 60528 2 211-2 $\frac{\pi - \frac{\lambda}{2}}{-\cos \frac{\lambda}{2}}$ + 5 2 532 100 261 TUBOMAN AKADERAA KONTVIARA 65 121 the 1- 1- 2 Jz= 69°39' 1-21/2 a 212-1 h = 3° 55 !!

2-21 $z_2 = z_1 = -a \sqrt{2} \left(2 \sin \frac{y_2}{z} - \sin \frac{y_1}{z} \right) +$ - sind of ? 1-602 Refer #2 (1+ a men. STE NO In the h=a (Vi in 3: - in 3: 1 + a + 1 - cor 2 - -1- (0) 2 in S. $h = a A + a^2 B$ $9 = px + x^2$ 9 + /2 = (/2 + x) 2 $\frac{h}{B} = a \frac{A}{B} + a^2$ x = - P2 + / T $a = -\frac{4}{203} \pm \frac{1}{10} + \frac{4^2}{3} + \frac{4^2}{5}$ 6 x 25 30 4,03 190 38. him yoyo' 22, 606. 0,014 0,4771217 0,1505150 0,5449561 2,2074199 4, 38 1, 5797826 ley 51240= 9,3875362-2 2,2074199 6501229-1 3875262-2 Nun 0,59014 0,0376591-2 0,5132814-1 0,2455727-7 0,3875762-2 0,5242777-2 0,6330489-5 0,0692020-3 1,033441 = 0,0142685 0,5638469-2 2862g May 917566907 1,036631=0,0156112. 0,770959 3,8592 log 0,5502122 67221 59014 3550 Num 9, =0,03 54 9 9 3,861 ly 0,55468 = 477 lug 2,00 = 0,4814426 1 8945262 -1 1 4 = 0,5869164 = 3,8629 = 0,7440112 My Navyo 0, 8945262-1

2464 hy w 34° 49 2' = 9,9143342 878 mm nº 91914.29.03 \$ 917 428709-10 $\frac{1}{10} \frac{1}{10} \frac$ 917565499 0,297.8873-2 9.7566907 My 1,019.855 = 0,008.5150 H 9,7566907 0,7652057-1 Nom. \$ = 0,58238 ly in 1° 57 = 919999745 & 9,999.2.356 0,99824 Any 0,00176 = 0,2455727-3 0,1611298-2 My in 1°57 = 8,57.42948 0,4066525-5 307 0,0692020-3 6124 20620,3374505-2 0,58228 8,5246010 0,02175. 0,024.99 ly 0,54739=0,7382969-1 ly 1,02175 = 0,0093450 1505150 ly 1,02175 = 8,5346010-10 $\int_{a_{y}} N_{enequ} = 0,888.8119-1$ $\int_{a_{y}} 2,5075 = 0,4753079$ $\int_{a_{y}} 2,5075 = 0,5864960$ 5.975^{5} 0,5439460-2 Nun \$, =0,03 × 99 00759 400 00 a = 3,8592 2,9875

King let destillait and 1883 Flammer Zilei, Un liet planparallel bener livit F J= 3° 28 942 1 60° 42') D= 69° 34'z' Log NG 34 30281 = 9,8831387-1 486,5 mm N=6,994 20 28' =0,76408 Este 6: 45m. 18°C 587 586 586 586 586 586 3,8346

Van-ca parolyns hopeyinal a cynthin aladin Kit zogo dititato vipel kijo"we a gogos hipippe. 18184 Dec. 20. Platen every vý ino hypinge 2 = 1, 777 30/ $\frac{14^{\circ}7'}{11/3} = 5^{\circ} \frac{10^{\circ}}{1077}$ $\int_{2}^{1} = 67^{\circ} 20'$ Agogs å mirige 106 millinde 342 7705 Estelis A grijn high 16°C. Dogita 16°C. A killio B gründe hitve jessel. h, 44)568 76 d. 89)569 70, 567 15,574 42,568 74,568 561568 75,568 /2,1573 86 34)568 41 , 5 hg 80, 568 26, 573 12, 568 99, 573 85) 5h8 70, 568 84)566 31)572 18)566 31)572 84,5) 568,5 39, 569 38,572 10,572 300 34 25) 566 Nõrig, = 568, 25=2,8418 m.m. Körep = 570,0 Ninepo" = 0,73 600 = 0,73726 a=3,854

A külső B gömb meleg tre visrel 34° vigrel. 3: 40mh 91 1566 57 1566 57 1571 72)570 × mind do int 68)573 67 33)572 x Dorthin 25,1575 27) 566 18)567 56, 1565 45)567 35) 569 176,569 33, 568 44,568 40, 5bg 981570 36,358 95 1571 0/1570 922)568 A goint homercere 16° B goub home it 260 vize. Yorahor Kirip 569,4 Jormula a hiran tarra. $Q = \frac{2z-2}{V_2 \left(im \frac{\lambda_2}{z} - im \frac{\lambda_1}{z}\right) + \frac{q}{3n} \left(\frac{1-m^2 \frac{\lambda_2}{z}}{2m \frac{\lambda_2}{z}} - \frac{1-m^2 \frac{\lambda_2}{z}}{2m \frac{\lambda_2}{z}}\right)}$ a høydite esti herd har, mil latake a rejebbes Delalt is 45 a = 3,84 u=53

A vy myning giling 1884 the little dign. In 5008 19 A leath Momites An arovived lealung and acutas hilolas withing plagnarallel knep kojke tolis i and . drig mighter mas geories. an atom. Filallity rapia: a to log s Y25 A upp inpletischen't die fordal' a is b horista a horizon the a=194 6=165 and more lest: A, = 5°28' e' hereyy' de = 68°5' a hat a ing to rolleguerige = ? a Plateren eding hit lerve ho $2it_{1} hy lin night = 12' for an "a = \frac{2i-2.}{\frac{2}{2}}$ formala s verint begen ; $a = \frac{z_2 - 2}{0,72923 + 0,233\frac{a}{m}}$ ehler jurit $S_2 = -\frac{1}{3}\delta a$ puns. $S_3 = +1.56$ puns A $\frac{1}{2} \frac{1}{2}$ orthomising $\int \hat{a}_2 = -\frac{4}{0_j \frac{1}{2} \frac{1}{2}$ ~ in integined Sa, = + ~ 1/2 m 2: JS, ~ myplel

Nay inggolgo' i hieroje 124 m.m. hune a rije vij mille lavarros hojog 17° myn 16° int a rigs intelier algo 9= 2,840 Mil 16= 7,380 7,200 = \$ - 0,0136.16 - 0,000055162 gabetbal fo=7,607 . almeige 78,5 Temp. 180 a = 3,830a=3,830 Destitutes vy levegovel à way atmente Viri ily Amerije 87,5 mm. Says. 18 (. 4 = 3,807 ki jijn ogsån und ingjørd i mig firre Firsta grande ahmis 85 mine, Page. 18 C. a = 3,827 Viring syphon in viensamel anis 87 Say . 18 . C. a= 2,796 MAGYAR TUBOMÁCTOS AKADÉMIA KONYVTÁRA

vyme 1884 depterter 22° 18' 15° 23' D', = 5° 35' alyunther 5° 42' di=68°2' 1026 Rigi neg my gryp Temperature 170 eline 48 J 5 fm hang 145,0 cl 48,5 h { 80 565 564 564 e (15,1564 h (16,5 e (19) h (85,5) el 22 2 92 1325 235 . Hampsoahn eline 23 5 by him 92 ibs Kings a 10 circulistict home bury 17 r63,75 = 2,8787 m.m.

pålafik Vinch megvurgalara Voris bag likistmerige = 78,5 herne Destilliter vig eggeloring hipine ligmenteren Vorrintep Kuli storer & Stis moberne Destillits my analyer it i any kongo tette figin analyithe beging Trota tilso almis = 85 n. 4 beene - irain fijuta syptonbal relo in ligmenteres game Voros wor hitro aliner : 53 m.m. Syptonbol ack the lettoly friend sins arm my lengoling. think a godying Metter lighter 1887 Systemater 28 D. H. Tarka a holymati og Legh. 28 din. 2% 561 Jengwatera 17º 56 56,5 561 MAGYAR TUDOMACOS AKADÝM, KONYVTÁRA 575-K. atto i Kalu - 48 mm. 6 port a Water + 53,5 Cahah - 8745 774,5

282 1082 1017 1. 1222 295 827 101,5 827. 4 () ANT 1017 426 Tinta river gimb 79, 5571,55 39, 14, 1578 minget 17, 566 55, 578 minget 17, 566 29, 574 39 Itimenet 39 Itimenet 16=172,5 9,5 27 1572,5 39)572 9)572 37, 5572, 5-57 2, 5-5572, 5-Itomenek 170° 57,51572 12,51572,5 97,5-)572,5 38,5)57) 27,5)571,5 a=193,5. 6=167,5.

6 = 158,5 Vörös caor. a = 194e 31 97.7566 95,566 30,5)566,5 957568 94,5,565,5 97,5,565,5 29 3565,5 97,565,5 97,57565,5 97)566 297565,5 97 95)566 32)566. 29)566 .98)566. Voros begy a= 195 6=169 77,1571 9,5,570,5 78,570 10)570 78, 570 81,51571,5 70,51570,5 12,569 MAGYAR TUBOMÁCYOS AKADÉMIA KONYYTÁRA 78,5) 5bg,5 11 - 15705 a= 195 Noros ülep 10= 169,+ 67,575bg 70) 5/9. 75) 566 691568 67,5,569 bg ,5,568,5 67,5,569 98,5,5569 68,5,5569 99,5,569 69,50569 67,57569 67,5,5bg 98,5

aloke stermindo ning 250 Hu a no e 170 how 10 0, Which Viris berg 93 221571 21)574 1700. 26,573 97 24) 573 Meyfonktor a tav av, (a li bilen folfeli) 84 55,581 63 85-)578 82,576 57,579 69,576 45 477 68 45,5-)5775 67,1577 A taició vinta forgatia 37,575 3715F2 Ty nightwoon a vigher Aztrhu 12 \$101,5 424

1j hatival merve. Mr. I d. e. 110 45m. Two by. Kati Taves 120 alles and Tago . 17°? 34)574 51,57574,5 a = 192 6 = ibs 34,575 6,5,574,5 34,575 Z)575 35 8,51572,5 327575 35 1571,5 33 1573,5 Kali a tavoro 2-ih allandval. 32,576 31)575 32,5 8, 1575,5 32,1575 33,5 8,5)575 32)574,5 MAGYAR TUDOMATOS AKADÉMA KONYVIÁRA 34,576 31,576,5 3721575 33)577 A vig eroien megrapor a jombhen ei af 1-10° allaiban lealvarra 50 3576 33 575 a = 193 b = 105 36 3576 58 3575 a = 19360,5,575,5 33,5,5,576 32,5)575 60,5,575 33)576 59,3576: 32 1575 39, 575

a = 194 b = 168Magy gomb 1- 20" allos Ny joyo Sugara 134 m.m. 85,565 22,566 86)567 21,5,5655 86,51566,5 22,5bz 88,5, 5hh,5 21,5-69 23,5- 5hh,5 \$7,5,5555-5-1 22 5h5,5-1 2-ik allas 21, 540 88,5 1 570 18,5 1 570 20, 570 82,571 19,5 15h8 87,5 15h8 8h5-1568 86 75h7 21 3568,5 87,5,588 20,5)568,5 Megrazva 1-ro" állás b = 167 9=192,5 42 ,5) 562,5 8)568 42,568 8 40)5h8 42,5hr 2., h allois 38,3 569,5 401570 5 1568 7,5,569,5

39,5)571,5

Delatan Del. 1 1884 6 = 167 a = 135 Virin nego 1-20 allasal a Kadi grövenele; 86 1569,5 57,5 1569,5 55,5 1569,5 85 1569,5 56,56g 1111 57)5Gg 577569 59 1571 58 87.5)549.5 39 7569 57,5,568,5 90,56g 2-ik allar I taero mayforstore j 58)573 87)573 88 1572 59,570 TUDOMÁNOS AKADÉMA KONYVIÁRA 59,570 90 5 \$70,5 60,5 \$70,5 59,571 96,571 57,5) 571,5 9/2) 57/ Megrazia 1-10° allas 87,571 87,5570 2. The allas h. 86,1572 57-)572 587571 86)57j 55,5,570,5 57, 573 87)571 58,574 58,51571,5 6 = 167 9 = 194 1.85 dany Ving 5

1884 Wich. Otales zikan . a biet with in the houth his and attaling nething pluparalled beneg refelsions Veres legg · Momenter 17,50C. € 44 17,5 1573,5 15,5)574 a = 192 6=164 40) 574 42,5 1574,5 41,57572,5 43,575 15) 574 horing 5.73,8 3,507 3,830 44 1715 7.572,5 16,5774,5 431575 Nagy noegolyo Myranay a tavers' okulijanes Kihupa's a'val 1-10° allas 77,5,564,5 16)5h5 4. Tay. 16,5 29, 5507, 5 261569 96, 50507, 5 80-)5by,5 ×55, 2 - , 'h allas 26,5,5 92)5ky 84)566 94 756g 92)5by 30,565 1=166 a. 2 195. 92,5)564,5 94,5)5655 3,837 King = 5-69,85 29,57566

ventil kits his vilkit eglene Juli 2. Deliti I have 10-160 Non Leg a = 198 - 6 = 169 h. 71,5,567,5 hops 18 #5)5by 98,5 30 1568,5 31,566,5 Kinip : 566,9 3275ks 29,566 96, 56g 31)567 31)568 28,5 15655 3,807 25 Tiszta üveggönde. b = 160 a=190 47,5 15. 3572,5 TUBOMÁSTOS AKADÉMA EGNYVTÁRA 43,5 16,5)\$73 Körip 573,35 13 40,5) 572,5 13 39,5)573,5 42) 574 2,837 12,5 ,573,5 41,1575 13,5 39,5)574 011,5 1574

6=166. Voros arón. h = 195 24 75756 81 48) 5h7 77 566 King 566,7 78 15h7 42 1567 45 15h7 75 1567 78,5 156,5 42 156,5 3,796 77 1567,5 41 1576 75-1566,5 30,562

Vanca yours befisinal a bubouch higs jo les bingelb og nehngelb viltas ?

Kenavarzich alle dojn Virgolyo. vörös bag symathisige 2r=79 Aloph. 16 Clim 1. 98 1613 2. 78, 612 2. 97 1612 x. 77, 614 95 - 25 - 21 - 29, 612 2. 77 1612 x. 77, 614 5. 37) 612 6.79, 610 7.988 610 8.79, 614 92 - 77 - 92 - 77 - 93 - 619 9. 39,614 1.79, 614 25,614 1.93 614 houpert. 612,2 Uggengom helg ne uggengom langshar tiensawers dients goljo Dyn 2r= 82 Höfet 16,5 Colim $\frac{6}{16},549$ $\frac{62}{15},549$ $\frac{77}{98},551$ $\frac{95}{46},549$ $\frac{50}{99},549$ 95)549 49)548 92)548 52,549 97,550 46)949 97 548 44)548 52,549 97,550 MAGYAR TUBOMÁNOS AKADÉMA KONYVIÁRA

12,14, 4,14 8,00 12,16) 4,16

29- en cro"

2. c. c.o"

1 dies on

7,60,4,04 7. 62 94,06

25,00) 4,00 21,00) 4,00 25,00) 400

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24,9874,112 20,9674,112 24,9874,02

Atricion. Lept. 19. 1880 infirst finneras core Verystam 106,68, 101, 48) 106, 76 5,20 5,28 101,88) 5,20 5,16 101, 70 5,21 mim. Chloraethyton or 102,58 12,26 115, 98) 115, 62 12,26 103,62 115,92 12,26 12,20 115,88 102,72 12,29 m.m. MAGYAR IUDOMÁCT.OS AKADÉSRA KONYVIARA My Remains an er Q. 114,16 107 70 107,70 114,16 10.4 114,52 100,82 105,84 114,20

Newsminitight Charinge Hoveris solel. 75,1216 91,1212 77-5,217,5 5)217. C Remensionan and Remensioner 5 80 Vit 89 1415 75 118. 95 Vit 74 1415 95 118. Chlorathyl, timeridet 6' a normite om tanga och 201477 26,5 476 9,5 472 16 1477 12 176 9,5 472 Monacthyl hamanchel 60 16 36° a, = 2,375 10 36° a, = 2,375 a, = 2,208 an = 2,093 95= 1,9643 56, 14405 BI 442,5 am = 2,126.70 am = 1,9906 a= 4,5218 A= 3,9626 06 = 0,91268 56=0,87071 26=2,0635 51=1,72575 O Riverssors and this seller · 11/2 187 18 18 18 18 18 18 18 18 18 18 18 18 195 19715

Ultraethyl igaliga Pierre, Futbilitte I,29 Sper Gew, bin 0° = 0,9214 $1 + AV = 1 \neq 0,001575t$ + 0,0000028142 + 0,0000000157 t? 1,5

d a kinewarde voullegiling Net us A in D. A atricióje 9,10 mm. B. Minige 11,75 min . A cro 19° Celsius. 76,785 19/285 27 1 282 40, 586 I want may. \$ 1/8 -40 57 283 MAGYAR TUBOMANOS AKADONEA KONVYTARA 56, 779 De ci 19° alins 57 /94 25) 289 /3g' 2g6 22 291

Aang. Colom high Less 56, 410 2 (337 : 62) . 410 10 perinel Rooth 3, 46, 407 50, 107 lits 78 , yob Diro" " Ed. Count heresenong 66) 111 77 3°mil a=1,830 a= 3,349 } 410 a= 3,400 a= 2,000 7) 408 a yo = 2,668 andric 1 anon 5 = 1,4006 Dan 59 5-=1,721 ° Cal do=2,438 dy=1,762 Kineserry a=1,523 a= 2,320 4 2 22 80, 225 84 23 5 19 Acros 58° Celim 66 2 2 2 3 6 74) 140 MA 87 J-228 69/331 5001 28 17 202

Vir systimak. Almer 15 mm manisky may may 125,16 53,96 1 2 1, 20 1 2 5; 16 2196 412 My manuk !! 3,96 124,26 4-2 2196 134,26 124, 36 and started 5,96 120,40 Strong 19,0 min Maniella my 56,70, 3.90 Ja, 80, 3.90 Man Richt 392 36 50, 4,10 Marine minty 10 Munt might fr 20,2,2 4,10 20,20 4,02

a Kines sar kitches hophat 155, & mabries J= 428, kritikas symiera = 79 hisiamitand' (die)+19° letiumit. Venne norve a tiministatily a Bosition lett inglelisting hal $Z_{10} = \frac{390}{200} = 1.95 \text{ m.m. in } H = \frac{11.75}{2} = 5.9 \text{ kerchen}$. $A = \frac{2}{1+9.905 \frac{\pi}{2}} + \frac{1}{5 \frac{\pi}{2}}$ $R_{1} = 1.95$ a = 1,754 am= 1,773 a = 1,770 - a2 = 3,144 19 Johnal $d = \frac{k}{2}(\sigma - 1)$ o 19 Juli a St. in meye d 19 Juli i ja blitthe Ste gog monge Undreeff spent 19 Johnal 6 = 1,3802 A telilet go yours Ig Johnal 4,5 literosphing a blibble gig inninge de 1/2,22. 4.5 M JO2 ynjunninge 2,22 d = 0,00085 Ulat 5-0 = 1.368 19 phil Ulat 5-1= 1,368 19 plant 19 Jahril = dy = 2,150 SO2 19 John mayfelete homesellet og allumit = 40° eitherne rigre d' = 1,502 What $\left(\frac{d_{so_1}}{d_{ext_1}}\right)$ when yophing = $\frac{2}{1,502} = 1,43$ d' = (p T2) 2 fronte sund d' = 1,222 2/2333

Inal (Cytly) Provensky: I = 320,8, +=111 | mediluff 5=0,8564 a= 6,654 tryp= 15 d'= 2,849 S=1,4189 2= 3,436 d = 2,438 - jn 206h var + 15 Acityl Browind (C226, Br) Pawlewshy T= 236,0, += 39 / m a=6,006 15 d= 2,445 5=0,8742 306,6 132,1 h dro any (alcohal (C. H. 20) 15- d = 2,455 bat a= 6,133 0,8008 (GH60) Sydna. 232,8 26,18 bit Acetm $\frac{\text{Mendilel}}{1,0} = 1,0007$ $\frac{1}{1,0} = 1,0007$ +=15 Uretran C2 Uy 02 Paurlass 321,5 118,5 Dero d = 2,975 12,5 a=5,56 a, 2 a Celly Che P. una 283,0 \$5 tays caloren 8 program athylen Alini 4,198 2,430 5,499 83,2 P. 320,8 111 5,8 $C_7 \mathcal{H}_8$ 6,962 4,746 109,8 1,846 Tolnol 3,607,4 . Arenaring 242,5 Harray alter 24, 2779 3,600 Setrachlor huhlentoff CCly 2,756 75,2 2,040 + Benjal Sandredenty 280,6 Ramsay 291,5 C626 6,7 5,33 6,968 4,9 2,1615 79,85 Chloroform 8,0 3,874 60,6 3,242 2,280

n=1,457 Vanika Chloroformund, 1887 Martin 8. Y= 4/2m D,= 3° 13' 10" J2=71° 40' 952 537 V2 [in 2 - in 3;] = 0,788795 16°C. $\frac{1-c_{1}}{c_{1}} \frac{\lambda_{1}}{z} - \frac{1-c_{1}}{z_{1}} \frac{\lambda_{1}}{z} = 0,755838$ 310 311 a = 3,7633 310 a=1,9399 311 310,55 311 8=1,49704 312 310 d=2,8769 310 310,5 meligitie . . Kils in Kints o Moraform PT = - 48° Cason : = + = 291. 49,608 48° 2 47,6° 1/ 2 × r 2 90,5 290,65 17,3 47,3. 291 290 a= 1,8774 291,5 4²=9,3030 46,8 291,5 46 5= 1,43740 47,4°C --- 290,65. d = 2,3738

Antis chlorofo tulio viz 31 320 301,5 301,5 302 a=1,8839 301,5 301,45 h²= 3,5492 301,5 · 's = 1,46900 BM. 362 d = 2,6069 300,5 302,5 310 310 300,5 170 170 309 309 309 309 Repair Contraction 3,20 MAGYAR TUBOMAN OS AKADENEA KONYVTÁRA 318 319 3/8 a=1,9879 318 $\begin{cases} a^2 = 3,9578 \\ S = 1,57961 \\ d = 3,0026 \end{cases}$ 31915 318,35 318 318 319 1=1,52523 318 Margin G. d. m. 1/6 Mar. 310 anten 17 q = 2,3738

Spenching 1=40 n=1,63 &,= 2° 57' 55" dz = 73° 10" V2 { 2in 2 - in 2 } = 0,80586 $\begin{cases} \frac{1-\omega_{3}^{2}h_{2}}{2\omega_{3}h_{2}^{2}} - \frac{1-\omega_{3}^{2}h_{1}}{2\omega_{3}h_{2}} \\ = 0_{1}770424 \end{cases}$ 9026 921 921 $\frac{Z_2 - 2}{\sqrt{2} \left\{ \lim_{t \to \infty} \frac{\lambda_1}{2} - \lim_{t \to \infty} \frac{\lambda_1}{2} \right\} + \frac{2}{3\mu_0} \left\{ \frac{1 - \omega_1^2 \frac{\lambda_1}{2}}{\lim_{t \to \infty} \frac{\lambda_1}{2}} - \frac{1 - \omega_1^2 \frac{\lambda_1}{2}}{\lim_{t \to \infty} \frac{\lambda_1}{2}} \right\}}$ a = tulië pen hëneç 476 a = 2,3737 390 7,5 a2= 5,6346 390 340 \$ = 1,28212 3 3/80 d=3,6121 2520 360 370,5 369,5 A=2,2572 369,5 42=510679 O month 1=2,36723 269,0 1=1,23887 a = 3,1393

Y=Y) Alhohol n=1,375 526 V2 { sin 2 - Lin 2 } = 0,774143 $\left\{\frac{1-\omega_{1}^{2}\frac{h_{2}}{\omega_{1}}}{2\omega_{1}}-\frac{1-\omega_{1}^{2}\frac{h_{1}}{\omega_{2}}}{2\omega_{1}\frac{h_{1}}{\omega_{1}}}\right\}=0,744325$ 60 387 386 a = 2,4525 28/7 a2 = 6,0150 388 386 8 = 0,80991 387 388 a = 2,4358 MAGYAR TUBOMACTOS AKADÉMIA KONYVIÁRA 386 38.7 386 385 320. 372 470 a=2,3156 364 3'34 a= 5,3619 365 3 and 73 1=0,77475 363 a=2,3673 a=2,0771 365 3 365 74 a=5,6040 365 375 460 372,3 365 0=0,78707 373 364,5 d= 2,2054 373 366 374 066 366,5 372 450 772.

Euretnes, 1884 June 2. Aloinenis 25,5°C. $h = \frac{10}{90,5} \frac{13}{13} \frac{13995}{1995} \frac{14}{14} \frac{1386}{14} \frac{1387}{25} \frac{25}{1375}$ $\frac{37}{51} \frac{1387}{51} \frac{25}{1579} \frac{1379}{1579}$ Here H H= 87.6, 28,3 Sy)1384 1378 1378 1378 1378 1378 22 Melegitve 10558 10br kille 10558 Jobr 4000 114°C 1058 Jobr 4000 1000 1000 Jobr 4000 Jobr 40000 Jobr 40000 Jobr 40000 Jobr 400000 Jobr 40000 Jobr 4000 Jobr 400 1668 Ap. 1140. h. atime t=111 C. Ap=114 1055 1055 /10. 1049 when t= 108 Ap. 1000 intrin +=1061 Crownero alul = 1,4562 Julie 252, 5million atres = 1,44.38 & Soch (13) $a^{n} = mh\left(1 + \frac{1}{2} \frac{\pi^{2}}{ac}\right)$

Junin Yi Up els bbi glyceimen unber Jurgunt 120 210 ph 22,2 mere, when 1150 h. 1390 merin ten 1110 menes when 117 ie Jon 120 ^ t; M NY af alread is just a hargenele homeron = + 0,2°C, Juni allatellas -2 +4 1155 atom 71° + 10 1470 1150 when 72 + 2: 14/0 1157 Ana 76. 1165 76°-73 (1190 Andana 76 76 - 74 380° - 74 Darmate . #8744 21°C. reducialm office 2,6 744,4 Homers' Juryintys. hører allin 99,9

Koppmint, Furtschritte II 28 alder Jaymy 6.0 "Juteril 3,= 1,08005 frigent 11200 V=1+0,00105703t+0,00000018323t

	N	$1 \pi^2$	t.	1~	1 1 22
ti	J1	log J2	l		log 22
- 60	2/3		100	373	5,1434176
- 55	218		105	378	5,1549836
- 50	223		110	383	
-45	228		115	388	
-40	2 33		120	393	5,1887852
-35	238		125	398	
- 30	243		130	403	
-25	248		135	408	
- 20	253	4,8062410	140	417	5,2319002
-15	258	4,8232394	145	418	
-10	263		150	423	
- 5	268		155	428	
0	273	4,8723252	160	433	
5	278	4,8880896	165	428	5,2829482
10	283		170	442	5,2928074
15	288	4,9187850	175	448	
20	293	4,9337352	180	450	5,3121964
25	298	4,9484326	185	458	
30	303	4,9628852	190	863	
35	308	419771014	195	468	
40	312	4,9910586	200	473	
45	318	5,0048542			
50	323	5,0184050			
55	328	5,0317476			
60	333	5,0448884			
65	338	5,0578334			
70	343	5,0705882			
75	348	5,0831584			
80	353	5,0955494			
85	358	5,1077660			
90	363	5,119.8732			
95	368	5,1317496			

erchas J= 220 df = l'f'1 = 2,990 - 0,0111t + 0,0000056 72 1 df = 1' dr' 22 1 at = l'all Minzar - - 20'6 - 17,8 L'htta. t = the J $\frac{f}{f} = \frac{c f'}{c \lambda} = \frac{d f}{d \lambda} \frac{f}{d \lambda}$ A the $\frac{dy}{dr} = \frac{c}{r} \frac{p^{\frac{1}{r}}}{p^{\frac{1}{r}}}$ $\frac{dL}{d\lambda} = \frac{c}{c'} \qquad f = -T\frac{dL}{d\lambda}$ $\frac{1}{\frac{1}{2}} = \frac{1}{\frac{1}{2}} \frac{1}{\frac{1}{2}$ 1=- Fdt= $\frac{1}{1} = \frac{1}{1} \quad \frac{1}$ $\frac{1}{p^{\frac{1}{2}}} = loos.$ $\frac{1}{p^{\frac{1}{2}}} = loos.$ $\frac{\mu\nu}{\mu'\nu'} = \frac{\Gamma}{\Gamma'}$ $\frac{\int u^{2}}{\int r} = C.$ A Dest lay the chy th 1 = C. 1 de $\frac{v^{\frac{1}{3}}}{v^{\frac{1}{3}}} = \frac{\tau}{\tau} \qquad M = c \frac{dH}{m} \qquad \frac{M}{m} = \frac{dH}{m}$ $\frac{d}{dn} = \frac{d'+}{dn'} T$

12,8 10,230 / 0,018 12 19 158 10,230 / 0,018 158 1020 158 1020 de T 12 270 acthes A J 273 de= -0,0126 1=1,986 T = 468 Chlorifu T=277 dt - 0,0150 1=2,002 T=533 dy_{max} $T = 254 \frac{dy_{h}}{dx} = -0,0180 \quad f = 0,735 \quad T = 305$ Di o T272 at -0,0726 2= 7,688 T - 685 SF Norther T = 217 = 0,5800 1/ T = 2,9 by 5,4 0, 7657 0,2043 Chlur for $\frac{T}{T} = \frac{577}{577} = 0,5797$ $\frac{1}{7} = \frac{77}{577} = 2,665$ 0,7160-10,2840 lig 1,211 87,688 0,5999 -10,4001 0,3986 Lunas My 126/m T = 299 = 0,5877 df T = 2,87 $\frac{195}{968} = 0.4718782$ $\frac{195}{978} = 0.4718782$ 256 533 = 0,480 2,663 0, 3. 16 410 = 0,000 1,21) 0, 4 25 0,8 36 Mart = 933 18 0,38 23 0,82 36 27 81 1989 16 38 2.96 13,3 4 ままま

	C	,			
1	reches 19	13-al	Enlels .	St. Sile.	- Entela
Chloroform		255,0	260	S 5	
Spin hener	529,4	256,4		515,4	272,9
alkahal	539,6	266,6	256 C	. +10,6	234,3
Wy		406,4		? - 5,3	
Jensar	310,3	37,2		nu + 5,3	30,92
Kenniser		167,4		. + 12	
Denjal		278,7	280,69		291,5
allylacetat	1	257,8	256,57		
methy (acctat	572,6	239,6	239,87	-0,2	
ally C fiminat		235,9		+2 ,7)	
Chloraethyl	S 11	182,7	182,6 S		
Actor	511,2		232,89		
Tetra Alor Kehlenstaff	542,0				292,5
Total	581,1		320,8 P		
actly 1 Aronin	490,7		236,0 P		
Froamyl alcohal			306,6 P.		
Euretran			321,5 P		
Actly lenchlorid			283,0 P		
Hexan			250, 2P		
Fisobatyl			270,8P		
amylen			201,0 P		
Caprojlen			298,67		
Viallyl			234,4P		
Trobuty Calcohal					
Joimell gell caling				2	
	516,8 2		54,5P-	- 10,7	
	531,5 2		67,4P,		
	584,8 3		104,6P.		
	559,2 2		82, 4 P,	18	
	567,1 2		95,8P,		
	538,7 20		62,7 P.		
	553,6 28		80,6P,		
	577, 4 3.		04,8%	1. Sec.	

72,9 HetH

234, 3 9. 240, 6 Stracen 234, 3 Harman

30,92 andrews

Ramsay

292,5 Avenarius

artes 192. Sumoly Enlets . Deff. T 1 -3,1 588,6 315,6 318,77 Isobrity (profisonal -4,2 573,2 300,2 304,3P, Act hyl butiral -0,3 326,6 P, 326,3 Propy butiral 599,3 -1,9 273,6 P. methylisobutinal 544,7 271,7 -4,2 290,4 P, 286,2 allylisobutiral 559,2 316 P. -3,7 Propilisabutirat 585,3 312,3

molendas gen . Ум - зах И = 1 23,3 Ally lational 23,3 Morner 0, 623 17,99 Warner 0, 623 17,99 Chloropa 4,20 121,8 46 by m=17,96 119,08 Karlenklow den 5,24 157,2 Show petterster 5,29 157,9 Show petterster 1/2 76, X 2 8 153,8500.05 : The appropriate the contract of MADAN NDDOMATOS AKADENKA KONYVIÁRA

25 5,319 - 0,7258300 - 0,2419433 1,7456, 0,2208, 212
207,604-0,8810421 -0,2936807 - 1,9664 0,2420, 212 207,604-0,8810421 -0,2936807 - 1,9664 0,2420, 218
10,77 - 10022102 - 01000110000000000000000000
15 11 1769645 - 0,3930882 411/5-1-92876
$\frac{21,02}{1,95} - 1,5000000000000000000000000000000000000$
128,95 - 1,4610486 - 0,48 F210 - 3,4082 - 0,5376 1279
$16 \cdot (6 - 1) (1) 0 \cdot (6 - 1)$
72, 47 - 10560146 _ 00199160
1. 1011 - 1 0.8011 + 1
174 0 0 0000 - 0.7034160
170,5-2,2017244 - 0,7439087 - 5,5451, -0,5299 059
224,2 , 350 6356 - 0,7835452 - 0,013)- 0,5784 485
5'2g3,2-2,4671640 - 0,8223880 - 6,6434, -0,6118, 334
287.6-9 587 AUGI 0,8000999 1-0,0541
1749419-2. 6945175 - 0,8981725 - 7190991 - 0,7033 486
$ \frac{6990 - 2}{1000} = 0,935160 - 8,672 - 0,7543 510 \frac{6990 - 2}{10073761 - 0,97543 - 0,9716239 - 9,3675 - 0,7543 500 \frac{6990 - 2}{10073761 - 10,171 - 0,872 690 \frac{690}{1000} $
1822,0-2,9148718 - 0,9716239 - 9,0675 - 195 0,804,500
1052 - 3,0224284 - 1,0073761 - 10,171, -0,872 080
$\frac{1055 - 3,0229289}{1053 - 3,0229289} = \frac{1,0430750}{1,0430750} = \frac{11,043}{-0,899} = 27^{0}$ $\frac{1715 - 3,2342641}{1,0780880} = \frac{11,942}{1,0780880} = \frac{11,942}{1,024} = \frac{1024}{1,024}$
1715 - 2, 2242641 - 1,0780880 - 11,942 1,024 185
10'2180 - 3,3284565 - 1,1128185 12,900
6/80 41

(p-p) 250 e d = 130 120 110 77 5-6 ¥ 24 100 1 210 340 34 1 1,81 263 38 / 7240 125 39,8 151 427 8191 219

401

$$\frac{1}{12} \frac{1}{12} \frac$$

aniste Baggewont 140. 31galval. Zyo ZAL XX-XM 1+ 90,205 + 1 4' 15,4 /0,7,2 / = 0,2.41 - 640 240 Poravolsat, faj mlya=1,0084 log T=-2 log & + 2T = 27 $Z_{go} = (K-K) = 4, 104 + 4, 127$ J= Ja Elio a citékiel belive ar = 3,850 an= 3,762 241,05 91 "d" F- $\int dx = d$ $\frac{13,5}{270}, \frac{3,850}{1150} = 0,288 = \frac{2}{11}$ ain = 3,772 727 a= 14, 227 ndl = - & da Myumash 0,072505 0,00656 Aninhe a 343-il alvalan novoil a= 14.72. 4824 288.705 88. 864 1440 0,087,8411 1,08007 9 3ho-ih alvalon 9,658081 1,080 4,053/= 3,753 Chlorealinen Chlomatrium fayinly 1,2063 0,00656 288288 275 \$31119 775 5764 |4,127/ = 3,762 - 8300 - 6811 1125 2625 2004 30,4 7 4,002 0,082944 30,3 4,041 30,85 4,053 2280 4,071 0,00921 4,100 31, 3 0,08784 Tho a she had believe ar = 3,72 9,09705 az = 3,75 a= 14,06 85 - de = I chuishe a 344 alvalan a= 13,97. 24 4:214 =053

 $\frac{a_t s_t \delta_t}{a_t^2 s_t^2 \delta_t^2} = \frac{a_t^2 \delta(a_t^2, s, \delta)}{\delta(a_t^2, \delta) f_t^2}$ <u>a'soff</u> = Joba' + a's Softa' of Jo a'soff = <u>J'o'Ja'' + a'softa'</u> J = Jan + 55 + 50 J = Jan + 55 + 50 J = Jan + 55 + 50 Jan + 55 + 50 (a: + 5 + 50) T (Sain 50' - Jo) = 1 $\int a^{2} = \frac{1}{F} \left(\int a^{2} + \int b^{2} + \int a^{2} + \int a$ TUBOMÁNYOS AKADINA KONYVTÁRA MAGYAR

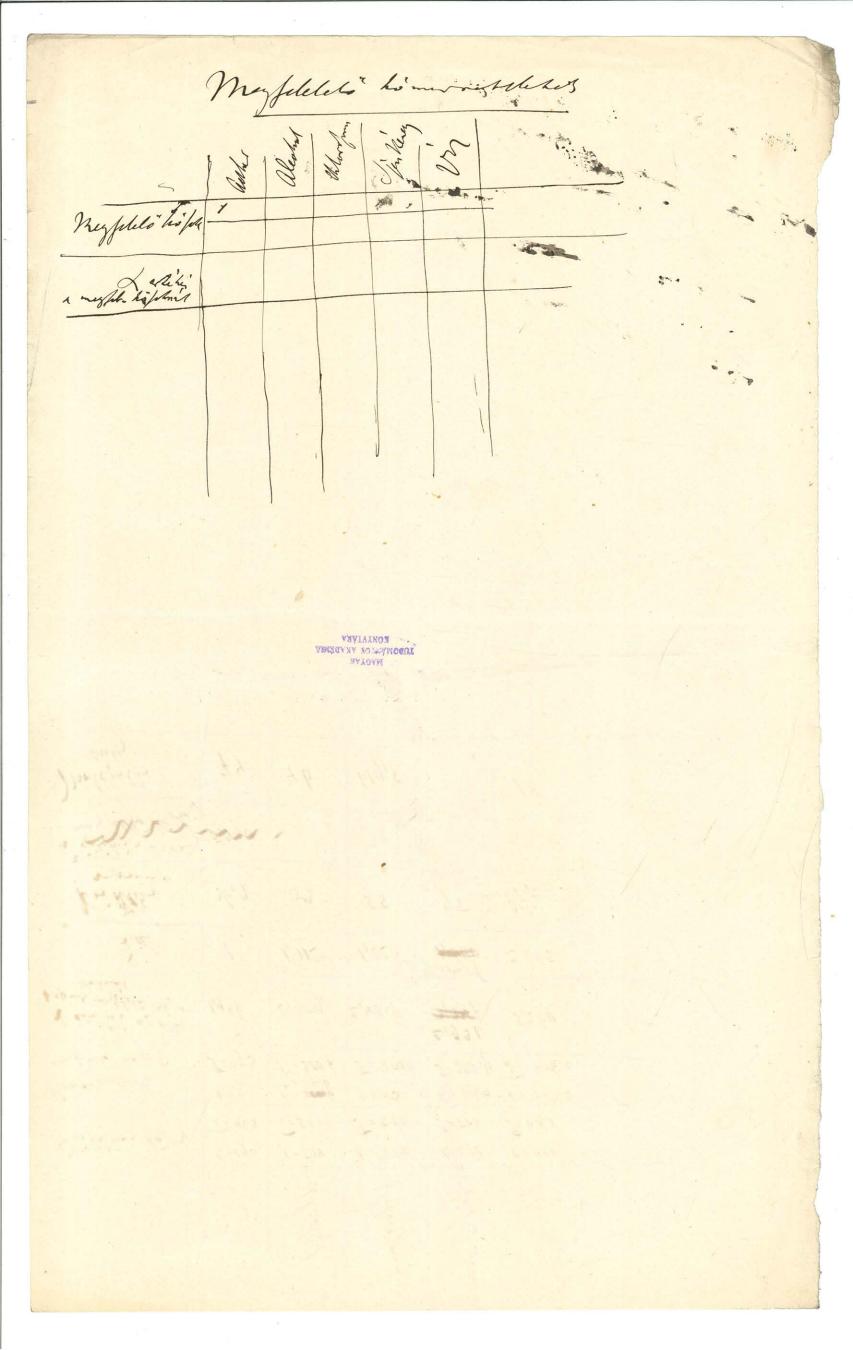
& a hope a horitulues ho faber lefte him to &=(K-J) hat Kakishen } höpel. Taj wallado } höpel. 272 75 348 hitter . 200 a2=0 l=190 &=0 $t = \frac{1407}{3415} \quad \vartheta = 14017 \quad a^2 = 41373$ $L = 1975 \quad \vartheta = 1875 \quad a^2 = 51331$ 215

Hignyra missoc this 17°mil 4=2, 6go a= 7,2376 l'éndeles brit : A A 383,9 Whit ag= ag 300 5 $\frac{a_{33}}{2_{17}} = \frac{383,9}{389,5} \qquad a_{93} = a_{17} \frac{383,9}{389,5} = 2,657$ ag2 = 7,0295 Et Mil (Sa) = 0,002737 2 intelestil $\frac{a_{12}}{a_{83}} = \frac{1895}{1925} a_{12}$ $\frac{a_{83}}{a_{83}} = \frac{1895}{1925} a_{12}$ $\frac{a_{83}}{a_{83}} = \frac{1895}{1925} a_{12}$ $\frac{a_{12}}{a_{12}} = \frac{a_{12}}{a_{12}} + \frac{5(\delta a_{11})}{a_{12}} =$

			5		1	
	Sthe	alaha	Whenfor	Shi hera	ji)	
Kililan hoff	t=190 T=463	t= 234 T= 507	t= 260 T=533	t=271 T=544	t=412 J=685	1
Alveder Julas my fills to fag	t=0 T=273	$\frac{t = 3 + 6}{t = 27.6}$ $\frac{f = 370, 6}{5 = 370, 6}$	t = 43 T = 316,0	L = 49,6 J=322,6	L = 133,2 J = 406,2	
d'este his agi ette #=0ml -splets höfo- ushmål	1,986	2,209	2,439	2,931	5,260	
Notethe	1	1,112	1,228	1,486	2,605	_
Kritter,	36,9	63	55	75	277	
h in the is to only	VT 17	N ·		V		
Amtentis suils	74	46	119,5		18	
	1	1	,			

dear Mtcl"+ dt2

d=0



pete = 7932000 V PT-2 Ke Te p I. Pete de Ta 37 1 46 Eller 1.46 1,46 4 entre 63-5 1,112 1,27 2,04 1,368 587-Aleshol 1449 469.225 1,228 55 1,97 1,860 277 533 Chloroform 2284575 1,486 1,38 84575 75 2,80 3,242 544 Suchers 5,325 2,605 16,06 277 685 17,576 Vý 1,21 4 8.94 16,36 T.p. Celing 2 + 0,3049 a of post 792/129 0,4039-Re 2 50 68.5 2,8 2/22195 195 7922 240 22 53 50 001 242 22 63310 225 5480 5 4110 2176 6.00.7 25 9472 1.8 1391 507 1,4 8 .36 5.9 29 50 1,98 500 2549 29 20 7 15 5 2 29 20 7 15 5 2 8 532 25250 21.9,04 52) 2.57.049 0 5,2.0 63 17520° 87616 2,904 2,24,179 771147 1542294 1.6134087 15864 1599 9 22,1 4089 2.2 2 671 3 2000 2,6. 2,6 2945 4.6 0,2096 15 28.4080 462 0982 526. 1032 5.5 1289 2778 1420445 4056 44.72 2.1. 43.69 15.624.85 252 27 17.57 500583 1,97 164310753 15625 7922/ 76950 71388 5542

13= f. . fix =/2 Si1= fi+f2+ to +fy+ 「(1)- 年前+ 年8- トイ Fiel) = Fi+ Fi-1, +Fi- Li-h Tys = F3 + F3 - 4, +F3 - 4, -12 + F1 - 4, -12 - 12 F== 5F= - 4/1 - 3/2 - 2/3 - 19 MACYAR MACANAR Sounder OS AKADISMIA KONYUTÁRA

		1						1
her	J.	þ	t°C. mosfelle	, det	24 de	Np fr	pe.	V pr J
Dentol Sajot	554	50	53,6	2,2583	1,1371	1246	1,35135	1,2476
1) Ran		91					2,4594	1,9471
Eyetravas	5/3	43	29,5	2,1229	1,0689	1,1257	1,16216	1,1438
a thyl Egetracas	503	58	23.6	2,39743	1,2069	1,2275	1,5675	1,3872
methyl Hangyruvai äkkyl	503		1	22550V	1.1355	1.1605	1,32,43	1,2334
Chlora Lbyl	456	53	- 4,13	2,1494	1,0963	1,1158	1,4324	1,2642
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Rom in frankenhenin Fatulrike 3. 28 . Asirine or voushaptores, A teifaget Grafessigather 1=0,91046, t=74,3°, V=1+0,00129385t+0,00,00021914t+ \$ 0,00,00021914t+ \$ 0,00,000,011797t3 $H_{074} = 0,9057, V = 1+0,001040t + 0,00000363t^2.$ Josnining Requarts exercist Deeffe " = 0,8922 top hepening 1, 3472 Jacking 1 3/172 1

Deibl. I. 126. Tanssen. Acikacy Mil (kyrjeles) No / 51,5 45,11 65,41 55,74 t 25,15° 22,2° 26,4° 28,4° 65,29 83,8° Krikik. him. 26, 4° Deith. VI. 282. Milver man in Gemenye aus ? flipigkeiden, 20 wird Ni Kr. Temperatur d. Mischny vu der relation Ananlikit beiter Fingkeiten behigt. - Eine Raite von Beobarthugen ikt für Sie tristing von Sether w Alkohol angestelle worker. Remlike: Aether Krid. Temp. D besbault. berefu. 100 To To Schohol 0 100 84, 8 15,2 195,5 27.8 202,8 202,2 51,8 208,8 Aft. 208,0 72,7 218,8 219,7 87,9 227,5 228,1 96,5 277,9 222,2 100,0 27919 229,0 240,6 $\int_{r} = \frac{\alpha \overline{z}_{1} + \beta \overline{z}_{2}}{\alpha + \beta}$ T, T. Roil. Temp. von Alkohrt in dather $\tilde{J} = \frac{\tilde{L} - \tilde{L}}{\tilde{L}}$ Daibl. VI. FJ 579 Horvay. A Main-file gar) 85°-val a regrun 80 tril. Temp. 105° myonin mi

TI. 741.1. Sajotichewsky I. 420. W. Ramsony. p. Benzal -- 291,5° 90,5 3h,9 Aether 19000 Aether -- 195,5 40,0 hen Keneg - - 271, 8 7417 Bether ei hennal Kevere'le eggenlo' daly on any nojtan -- 2411,7° 78,9 Kinecosav 155, 4 48,0 62,i blkohol - 7 234, 3 52,0 Morathy 182, 6 II. 84. J. Ansdell : 3/1 49,5 Benjol 4 - 280, h. Acelylen 7,05° 52,2 Aceton F. 232,8 Chlorvallendoffsänse (Soras) 57,25. 42,6 Eczetravaräthyläther 23918 TT. 257. Losav e person gaz herer he 54,9 Chloroform ... 2/0,0 X% penvar 48,7 Hangaravas athylather 230,0 42,44 45,67 74,18 25,48 19,37 x 17,8 57,6 Exetravarmethylithe 22918 38,00 33,5 J 47,2 45,5 3915 45,1 80,28 81,35 77,119 P 92,21 80,52 ____ 38,7 Di äthylanin 220,0 × 82,14 J 32,4 F Jobb Mierle nhan a Krithur 77.23 temperatura 237,5-re, e' a nymi 60 atur. ra noire hevett. MAGYAR TUDOMIC* OS AKADÉMIA KONYVIÁRA Flagniand de dalous perins += 259 p= 119

Hope

 $A = \frac{2}{1 + \frac{a}{n} o_{j} 205 + \frac{1}{9} \frac{a^{2}}{n^{2}}}$ 1883 reps. 21. d.n. 5 óra Benzol 17 ogén menistur maganaja a tröber Körülbelül 13 mm átmöröjn röben 1. h. ar= 2,445 am= 2,495 Cheley upbe helyeque: Ho'meiseh: 70°C. e. 49 49 47)498 45 46)501. 45 46)501. 0,= 2,508 0,= 2,508 0,= 2,508 0,= 2,508 0,= 2,508 0,= 2,508 √= <u>2</u> 6 $a_{2} = 2,578$ $a_{II} = 2,218$ $a_m = 2,245$ (Sa) = 0,0482 $a^2 = 5,040$ 45,505 46 50)505 44)302. 5,=0,82001 a/10= 2,0875 (Jd),0=0,010781 Eczelsavas äthyl. A gen menistun maganaja a finiten hørnithelnit 13 mm. akmerojni croken: a = 5,1898 NUDOM SA OF ARADEMAA EONYVIARA d= 2,3475 5, =0,90465 Hørnerick 750 P Melg vijbe helgepve: 2= 2257 57 12)455 12 12)455 63)449 a,= 2,257 an = 2,0165 am=2,042 $(Ja)_{,0} = 0,009/68$ 20)448 68 22) 454 a= 4,1697 075=0,87817 X = 1,7057

1,42 Phonyin 99°-900 158 1,9 15,08. SO2 93° 119 1,4 80 j 40 j CO2 30 -2,50 240 64 34 2,38 40 24 86 48, 54 3.8 4 94 10 Jøsgén to o 55,1 2,1 2,1 57,2,2,1 57,14, 2,1 57,14, 2,1 57,14, 2,1 55,04,12,1 9, 2 ny hencessarcio 12 4°5 26,44 72,12 24,28, 2,22 24,30 72,13 ≈ 216 24,32 72,12 26,50 2,22 24,30 72,13 = 26,57, 2,00 28,00, 2,00 9,08 28,57, 2,00 26,00 26,00 18,50 34,5° 1775 76,4)1,3 77.60)1,4 77,45 48 99 1,35 77,71,3 76,20)1,4 77,45 48 2,96,2,98,2,98,2,98-2,98 Jycem 98° 3,18 Dear any egg mening 180 itro

les 5098 /11 Jemas anta (ether) which Jolyadek forillys Otro torvein MAGYAR YUDOM & AKAD<u>ENGA</u> KONYVTÁRA " 15

Szensav, than-file light ether is Thefele agets and vonattego mirisch hisramitaine. A minich 1885 Julies viges a highertur des nagogailean. (A felsoralis e helger rem i di næret tirstende, hvorthegis var mindig af eredeti infletischere . A plullitas orget "hay flättitain he foget reversi. a Platean edergnes 1340 m.m. a troms file prostate direla mints tation sijloud vetherling allothatitt. 1000 A Plateau way be lette nervo Wit aldalin a longel. Spederize, alto's kinimiter a het menten febred aldel hylinduglete abra derink : = $\frac{947}{100} = 0,0031$ vayin $\xi = 10.7'$ 100,95 150 Af Dig avegleneperneh vertiginge 4. m. n. as ingling historia " I wing have detail = 1240 a Plation Ding alatti shiti ya felio la gata for sitisti 5,4 milli utered miljebben John's much of 11 timpe haradella. A C port by him gliettalite bis 2 is 6 mindes alles the leni. 2) linger ippi liger welt dutte duradely. Eheradile a tom trans togethe notes . datt 75,2 milienterel (katival marco), horizontali isiaghan chere. rightanala applie ton ap any mugfalatal 205 m.m. a lence falors Sings 4 m.m. a golying higher & falling teles winter and y his arouts hall, may a ingles toris minter. Est telin letter more avertes hell i get to besien sight i = 19°50' és a fogulis a 2) la mpanal mygde lo besien sight i = 19°50' és a fogulis Hich hylis sing leto a ngg folollista, under explisient getonicat V2 = 82°38' = 82°38' (ates is etterwarestrismi v2 = 82°38' = 82°38' (ates is etterwarestrismi

I his is total a Hayban a C part alles are consthorty walk. a = 40 b = 190 is tiluthel spinitzing lei I sing betet i zg gelelnen ast a sighter night of I limpation beers fig a version und heques: In itilities & intichit do-al plityis $\frac{t_{y}}{t_{y}} d_{\theta} = \frac{AV}{h} \quad \text{wyris} = \frac{190 - 5.4}{1340 - 40} = \frac{184.6}{1200} = 0,142000$ thit $d_{\theta} = 8^{\circ} 5'$ Man citchier of a is to note correction by take be a mychen telter <u>d(4dd) = i ddo = dv - v dh</u> my is mine do any is king dor't put hord I an 395 Whitpits $\int \alpha = \frac{\int v}{h} - \frac{v}{h} \frac{\int h}{h}$ $S_{4} = \frac{\delta_{v}}{1300} - \frac{\delta_{h}}{1300} = 0,00077\delta_{v} - 0,000109\delta_{h}$ peroreliter hijyepre Sx = 2,65 Sv - 0,375 Sh Toritti Fi= mind Sv = Sb és Et Sa = - Sh lespen : Sa=(2,6556+0,0755a) a hal Sb = 6-190 és Sa = # a-40 millimeter hefgejne he do is mentes when i, = do + 11' o mus most d, a Jult tringing hörgen hiviimi Unto, in estelen a=40 b=190-re dy= 3° 0' hörgen filimento hyg de vig entiles St= 3 SX ing letter highington a himblego blen a vigne vonallogo de iste hich (a TTT, 1 85 2 in VIII, inchen) Mus és withan tiris mutatic Landockbal a Domelos etho 21° 1,252 MAGYAR RONYVTÁRA entra 20° 1,272

a himinitas bouchys formalised

 $\alpha = \frac{1}{V_2 \mathcal{A}_1 \sin \frac{y_1}{2} - V_2 \mathcal{A}_1 \sin \frac{y_1}{2}}$ a had. $A_{1} = 1 + \frac{a}{3\sqrt{2}u} \frac{1 - con^{2} \frac{1}{2}}{2u^{2} \frac{3}{2}} + \frac{1}{3\sqrt{2}} \frac{a^{2}}{u^{2}} con \frac{3}{2} - \frac{1}{36} \frac{a^{2}}{u^{2}} \left(\frac{1 - con^{2} \frac{3}{2}}{2u^{2} \frac{3}{2}}\right)^{2}$ Az= 1 + & 1-con 2 + .etc. timb di = 3°, di = 82° 40' akkar. $\frac{1 - \cos \frac{2}{2}}{\frac{1 - \cos \frac{2}{2}}{2}} = 1,50 \qquad \left(\frac{1 - \cos \frac{2}{2}}{\frac{1 - \cos \frac{2}{2}}{2}}\right)^2 = 2,25$ $\frac{1 - cn^{\frac{1}{2}}}{2in^{\frac{1}{2}h_{1}}} = \frac{1}{32} = \frac{1}{32} = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$ $A_{1} = 1 + 0,353 \frac{a}{u} + 0,235 \frac{a^{2}}{u^{2}} - 0,063 \frac{a^{2}}{u^{2}} = 1 + 0,353 \frac{a}{u} + 0,172 \frac{a^{2}}{u^{2}}$ Whit $A_{2} = (+0,) 11 \frac{a}{n} + 0,177 \frac{a^{2}}{n^{2}} - 0,041 \frac{a^{2}}{n^{2}} = 1 + 0,311 \frac{a}{n} + 0,136 \frac{a^{2}}{n^{2}}$ Zy hicumitra di= 3° er di= 82°.40'-re a rego $\int \mathcal{N} = \frac{\sqrt{2}}{2} A_2 \cos \frac{\lambda_1}{2} \int \partial_2 - \frac{\sqrt{2}}{2} \cos \frac{\lambda_1}{2} \int \partial_1 A_1$ ligen SN=10,000 15445 Sd2 - A0,000 20562 SD, abel Sd, ei SA. Min A. a SNeiterlen ygungele. White inseine ign N= A2 (0,93400 + 0,00015445 So2) - A. (0,03702 + 0,00020562 SA) n hal Soz = Dz - 82°40' in SS, = D, - 3° $\mathcal{A}_{2} = 1 + 0,311 \frac{a}{u} + 0,136 \frac{a^{2}}{u^{2}}$ A, = 1 + 0,353 & + 0,172 a

Endmingh I Vija may ing jaljoban The I Tenperature 21°C. a = 3,833 (she formation &= 3,82g) 9 = 3,857 2) Vy a lengos jagotan " Tergo. 21° 3) Vij a many " uggeligeten THI I Tays. 22 a= 3877. Tup 21 a = 3,821 4) Then file tig to ithe ether Temp. 22 rates formation a=2,194 (*) formal a = 2, 194) 5) Thenfile tigta eczetran Temp. 22,1 C. a=2,3201 (7) formations 2, 7245 16 6) Jenar . Jinsavra filtres mit hetet 19. Aparticiants af iser hasonlikes on a TIT 2 inen a XXXXmin Is, I falar monthogos might meres higher alloutisi got mulattats him up I'ra, my out intite bijungtates. of 3,5 temperatur rara himithats a rig codeles i. a my in eichliger alogying Banez , enclules and 1,023 a2 = 1,024 Q²_{22,8} = 0,005 MAOYAR TUBOMÁCTIOS AKADÉMA KONYVTÁRA Abort Aq = 0,0057. 85 in adulait veries Prysenter Jamites endeles , 2) × 3,5 + 1,024 - 1,0.24 10,5 - 0,779 - 0,781 - 0,582 15,9 - 0,581 - 0,471 18,8 0,478 + 0,258 25,0 - 0,246

Sjin word till cro sugerand reglitarijera. myhatiogin a kejo brysted initis Matodis ival formula devigites . legen FF ag ang hetersplichte e flick engra a und sugar = r. Lyen Ta wo belso Jeland og july, Te and hipportyn A-lith nyabol chelo'si. CH = Pr AK=A AT=D a y sings himses my hinthe ag 2. Dsin y, = A din y 2 A sini = n sin i = n 2in(4, - E) $\dot{z} = y_2 - z$] $\sin(y_2 - z) = n \sin(y_1 - z)$ mint 44 & hingers sing - sin & = n(kin 4, - lin E) $\Sigma = \frac{2\sin \psi}{r} = \frac{\Delta \sin \psi_2}{r}$ hehat sin & high & there Sin y2 - A Lin y2 - n (sin 4, - Join 4,) nýre <u>A</u> = n. <u>1- 2</u> <u>1-4</u> <u>r</u> $\frac{\sin \psi_2}{\sin \psi_1} = \frac{n\left(1 - \frac{\gamma}{r}\right)}{1 - \frac{\Lambda}{r}} \frac{\mathcal{J}}{\mathcal{A}} = \frac{\sin \psi_1}{\tan \psi_1}$

merens 1 = 9,8% h= 1,5 r= 3,7 erchort a belo' inju \$ 1 = 2,5 Kit mik 10 fro to A hit mis tavala 202,5 201 201,5 202 lehit 2,-2,'= 201,6 = 1,008 leguration 13,5 hit is a landy = 145 186 146 146 146 Worey 146 lehat 2, -2, = 0,730 Terperator = 23 ° Rit with tavala = 114,5 113 114,5 112,7 113,5 MAGYAR TUDOMÁCTOS AKADÉMIA KÖNYVTÁRA Fareys 113,8 2,-2,'= 0,569 a 4,8 format a citiching my huterosision wheter og ingen bene before take vig & apon uggarapor het cris. Any hopen walt 22° tehat a vijor ripe &= a higourton Junila service & = 14,62 & = 3,87 A croken gyungon bed in's Tandy with 128 h iso angere $\mathcal{U} = 9$ mine $\frac{107}{40}$ $\frac{107}{2-2' = 3,68}$ $\frac{107}{9}$ $\frac{107}{2-2' = 3,68}$ $\frac{107}{100}$ $\frac{107}{2-2' = 3,68}$

aj livied eggenle er a very a 44 false's second fried
wight
$$\frac{\pi}{\alpha} = \frac{1}{45} = 0,903$$

e suit the $\frac{\alpha}{\alpha} = \frac{\pi}{2\cdot2^{+}}$ hundly's a selector eggen
4,8 false's $\alpha_{1} = 1,044$ is $\alpha_{18}^{+} = 1,090$
as a siziding glalow, in 20° false's edgen of ingers's
lune wig (22°C.) $\alpha = 2,82$ mg as eggen 37 mm eller a lis
with myonize $\frac{747}{746}$
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Jugither nines in mye 4,8 foliet = 0,900
23° foliet = 0,800
le letitet gig zioninge hundle Gyden accalimentene teae
d either = 0,0037. en a new av gominingen 1,5252
d either = 0,0037. en a new av gominingen 1,5252
deren
$$5 = \frac{1}{760} \frac{1}{1444} \frac{1,5252}{772} + 4,8 fohra p = 40 \times 740$$

letut $5 = \frac{10}{760} \frac{1}{1444} \frac{1,5252}{772} + 4,8 fohra p = 60 \times 740$
letut $5_{4,8} = 0,077$. What $(0-5)_{4,8} = 0,846$
 $0_{23} = 0,114$ about $(0-5)_{23} = 0,686$
which $f_{3,8} = 0,461$ $f_{23} = 0,106$

Erch an 12 / / / / Jenar pr 1 0,927 47,55 3,627 47,89 13,12 0,461 6,048) 14,44 0,106 1,572 47,55 3,622 4,516 = 54,86 3,800 0,800 2 2 ° 47,89 by sumiting as A. - 23-ra Jobb ninformitianal of clouding harman's firstilling a= 0,3272 f = 0,1122 where light for2 15 1. 12 1. pm A. Lenzo hays much dan 2 0,461 6,048 4,8 0,112 1,617 my much find 25 4,431 2 sujuliting hards b, or & hyper 2 mm MAOYAR TUDOMAMOS AKADRAGA KONYVIÁRA 5.928 18,5 14,31. /2 3 78 7/161/20 182/ 4PEn 10,23\$ 5705 7/107/201

Winitetis 1885 april site I delita Ungesömt hinden yrin myril, I so no atmeno hirit the Julvantary = 0,6 legger than 22,2 " u=7,6 a = 32 6 - 188 $x' = 7^{\circ} 57'$ 706 $7, = 2^{\circ} 57'$ 706 $7, = 2^{\circ} 57'$ 707 707 707 707 707 708 706 708 708 708 107 107 108 1000 100A in nipo G = 3,830 2,-2,=3,531 I h m a hun kinit = 17,9 Jelverly 0,6 Venyentura 22,2 u = 8,4 a = ?? 6=188 d=7°57 9,=2°57 712,5 H 714 714,5 $\frac{2-2'}{h} = 0,4252 \quad \frac{2}{2-2'} = 1,0722$ 715 3,572 714,5 715 IT 600 a=40 . 10 = 188 d = 8°, ∂,=2°58' atmine kinnt = 21,4 faluesty ; = 9,6 legeratura 22,2 735 734 min i anglas 725 735 755 725 3,675 $\frac{2-2}{n} = 0,008 \quad \frac{a}{2-2} = 1,0402$

IV cro almo himit=22,4 Jaluating=0,6 legeratura = 22,2 $b = 191 \quad d = 8°5' \\ g_{1} = 3°$ G = 97. 747 747 742 1925 min 749 742 1925 1925 192 2-2' = 0,3504 $\frac{4}{12},0312$ 2'-2 = 3714 749 Theid a him him 128,2 Jahran 4 96 a = 25 b = 187 d = 7°51' Tenperature = 22,2 37, 2965 748 n'a inflow 748 n = 17,5 748 n'a inflow 749 $\frac{2-2}{n} = 0,2770$ $\frac{\alpha}{n} = 1,0240$ 747,5 2'2 = 374 748VI alien kins = 34,0 Julian yrg = 9,6 a=>1 6=185 d=7°49' Temperatura = 2275 4=16,9 . 0,=2°54' 749 742 742 741 742 742 792 3715 742 $\frac{2-2'}{n} = 0,2198 \qquad \frac{4}{2'-2} = 1,0310$

These hills atin's 20,9 a-42 6=187 7°58' d;=2°57' n = 3, 6770 771 777 774 771 771 771 777 3,66 772 2-2'=0,3872 a=1,0464 TTI 75,3 { èsplitichters $\frac{Z-2'}{Z_{1}-2_{1}'} = \frac{1+\frac{1+2}{2}}{1+\frac{1+2}{2}} \int_{q_{1}}^{q_{1}} \int_{q_{1}}^{q$ n <u>2-2</u>' a z-z' on h = br - re ei All ei chig samtas &= 2,83 (2-2=3,506 1,1053 7,2 - 0,4872 1,0846 - 7,6 - 0,4646 $u = \frac{2-2'}{n} = \frac{4}{2-2'} \frac{3}{2-2'} \frac{3}{5,698}$ 16.9 0,2188 1,0368 5,698 1,0722 0,4252 8+4 -1,0464 9,6 -0,3872 20 -0,1829 -1,0468 - 3,658 1,0422 10,1 - 0,2638 1,0312 - 10,6 - 0,3504 1,0310 30 - 0,1195 -1,0684 - 3,585 12,5-0,2770 1,0312 16,9 -072198 65 0,0539 1,0924 3,506 65 - 0,0539 1,092.4 $2 - 2' = \frac{3,50b}{1 + \frac{4}{3},\frac{3,83}{65}} \left(1 + \frac{4}{3},\frac{3,83}{4}\right)$ fill 3 28 2-2'= 3,438 (1+ 1,28 m)

1885 lugash Yike 55 3. Jenser $\frac{2-2}{n} = \frac{0,85}{2,5} = 0,34$ Tempel0,5 vijen Konchlig en = 20 170 170 170 temp 11 171 169 171 a=27 16=182 Virigo 170 2-2'= 0,55 $d = 7^{\circ} 43'$ $\vartheta_{1} = 2^{\circ} 52'$ Tenjo, 16 <u>z-z'</u>= 9,296 Tey 15,8 $\frac{150}{148} \frac{145}{150} \frac{145}{150} \frac{147}{147} \frac{147}{148} \frac{147}{148} \frac{147}{148} \frac{1}{148} \frac{1}{148}$ vignil kom thetet Kento perator Tengo. 122 18,8 125 2 = 40 Temps . 1907 1945 1957 1945 1947, 1975 - 180 1885 1857885 Juge 55 $a = 28 \qquad b = 185$ $a' = 7°45' \qquad \partial_1 = 2°52'$ $\frac{2-2}{21} = 0,288$ vijnit homitbulat 24=18,6 MAGYAR TUDOMICTOS AKADÊMIA KONYVIARA

Etter in hen Temperatura 6° Korys tergeration 6°5 (22-2, = 2,1102 450 420 mas Junipo 422,05 422 455 Apla 421 crayby 422 125 422 421 422 Tenperate 7° Andre hømigselig vig de teal The worker & would her abs 404 407,5 mas is your Tenport 404 405 merve 21,0 404 405 # 22-21 = 2,0207 402,5 404 10415 Yoy lengeratura 21, 2 The alertal here a here the site ang. 21 Jug = 21 2,-2,=2,0087 401,5 401 my is aging 401,5 401 anine 901,5 401,5 houp 961,5 Yor 407,35 401 401 Hour terp = 21°3 Q

the gangon whether formas lights 20 jun An Jum Riguentura 42,6. 27# 229 42,6 273,5 274 6 574 372, 5- Nining 273,5 274 274 Zz=2,= 1,809 373,8 Tenjamina 42,5 374,5 Lyra my in hetere 1= 477,2 Temperating 43,1 22-2, = 1,8585 271 270 men saylog シアセ 222 シフマ 2745 hnip 071.7 572 >745 272 272 . Temporation 42,0 Uja White meres here's in min a links the he modelte = 21,6 a hilis nige 21,5 401 407,5 Temp 21,6 40% may 2,-2,= 2,0050 101 400,5 407 weighters 901 400,5 Korip 401 401,5 401 2-21 Taya 2,1102 - ar = 1,0425. 6º5 C. Dr. epglidas Vinepo 2, -2, = 2,0058 2,02071 21,3 1,8725 an =0,92918 43,1 a hincommuter a = a 21-2, 1+5 the for a hat his dilad, betilet an = 2,2 | a = 2,3 | ay3 = 204 a6 = 1,0417 ari. he remidenter very of other times mululogue vally in a whole 12 = 0,9307

Jam Tan's huberthy ethore pertos an $a_{22} = 2,194$ $a_{12}^2 = 4,8736$ anhimit poton <u>acose</u> = 1,0417 - () = 1,0851 $\frac{\alpha_{y3^{0}lC}}{\alpha_{zl,2C}} = 0,9307 - ()^{2} = 0,8662$ crehbol signation ar = 1+d (1-1) findinal. $\sigma_{22} = 0,712 \qquad \alpha_{22}^2 = 4,8736 - 4,8736 - \frac{0,6205}{21} = 0,02955$ $\sigma_{y_3} = 0,686$ $a_{y_3}^2 = -- = 4,1931$

Ju=72,84

lung.]	<i>f</i> .	In 1	d	l ²	fol2
60	1,918	100,11	4,6422	21,561	$\frac{41,352^{1}}{\frac{3,524}{16}} = 0,2203$
220	1,714	103,71	4,6982	22,074	$\frac{37,828}{32,565} = \frac{5,263}{21} = 0,2506$
42°	1,439	107,64	4,7569	22,628	32,565 21

Jainta's & itilhis

MAGYAR TUBOMÁCTOS AKADÉSEA KONYVTÁRA A1 = 21-2, 1+ 5 4 for the

 $\frac{a_{1}}{a} = 0,9242$

constrain are = 0,9358 () = 0,8757 poismating a2113

at = 1 + d (1 - 1') from lary

n

	$a_6^2 = 5,$ $a_{12}^2 = 4,$ $a_{13}^2 = 4,$	2564, <u>2</u> 8736, <u>0,5</u> 2234	$\frac{4428}{16} = 0,0$ $\frac{-902}{21} = 0,1$	42' 12767 02810		
Teyo	17.1	te 1	d	l'	Ar	
60	11918	100,11	4,6422	21,561	41,252	$\frac{3,524}{96} = 0,220$
220	1,714	103,71	4,6983	22,074	37,828	5,037 =
420	1,449	107,64	4,7569	eriber	32,791	21

VIII 4 85-4 1885 Myuster 10 Jen was hin to beallister 1251 alc. 9,2 38 90940m. Jengo crativa grow en ingus Ebraita 40 2-2 Tegs, 3,5 187) 18555-2/1 2/11/5 1862 2185 185 185 M= 2,8 Tay 32 - 185 185 M= 2,8 2121 211,5 u 210 $\frac{2-2}{u} = \frac{0,37029}{0,37029}$ 214/213,0 186 +18417 Kinjinstro egidero-- Tego, 3,8 214,5 213,5 horigo tequeralos 212 3,4 185 186 a = 1,094 Thirip temp . 304 hnip h = 212,6 = 1,063 187 Jy. 3,2 212/212 korep 212 188) 185- a= 1,013 182) 185- a= 1,013 2 -2'= 185,12 4=2,5 210) 212 2-2'= 0,9256 Tays 3,6 h = 0,425 +) at jum ing 184 7 18575 argianty 211, 210,5 sijederömthet 187 =0,289 8-22' a=0,951 182)185 211 210,5 Tig - 3,1 whit a= 1,011 186, 184 Jenne, 7,4 212) 211,5 188) 185,5 214 213,5 -Lemps 3, 1 Japac 3,5

manyon ingleting legeration 12 water. Tey, 22,6 merian mymery 12/ 22/1 105 120 100 129 106 105,2 125 103 0,526 120 2-2 = 0,211 105 129 105,5 100 105 a= 129 105 129 105 ing Jup . 22,6 105-Temp 22,8 129 Lywains you Tey, the hom the lit 28 hitro which = 16, 4 T Ja Ally 4676 767 10 flagat MAGYAR TUDOMÁSTOS AKADENHA KONYVTÁRA 693 holog 26,5 25 24 26 a lequition \$677 67615 55-65 679 679 nen allentorys 66 62,2 I coo Tego, -20 kilo mo 16,4 a=3,830 u=7,6 Bis Try . 23 h = 3,865. $\int \frac{z-z}{u} = Rf = 0,4487$ 2-26 - 25 - 25 25 $\frac{h}{h} = 0,5086$ 2-2'= 552 = 3.410 - 682 - 682 - 682 650,0 $\frac{a}{h} = 0,9910$ a = 1,123 2-2' prethis 66 - 67 - 64 77 4 27 4 77 1 HAS 66 endbis = 0,5040 Ma = 0,5040 773 u = 10,6 artimo 22,4 Terpo. 23 II cn. 2-2'= 3,533 45 - 45 - 46 46 45 $\frac{2-2}{n} = 0,3323$ $\frac{h}{h} = 0,3850$ 705 - 706 - 708 706 703 106,6 a z-z'= 1,084 63 64 - 64 - 66 6 a = 0,9287 87 4 815 820 815 816 Kinip 876,0 h= 4,08

There atmos = 21,5. Tenjo . 27 ny as my hel 1 = 0,9041 1 = 0,9041 78 706 821 821 45 709 66 820 707,5 k=4,10 2-2' = 1,080 NX mo ativo 34,0 2-1'= 3,485 4=16,4 Jeigs 22 A menianalno sule ingen heringpings 65 - 65 65 63 65 697 - 698 - 696 - 696 697 - 2-2'= 010 $\frac{2-2}{h} = 0,212$ $\frac{h}{u} = 0,257.$ 697 $81 80 2 - \overline{a} =$.099 87 . 80 a = h

Viscilities, 1885 augustus) than Idelong Platem eden myvin gulei, " alally and purhyemon again nyre hackethermand Ab it any fetre regelat I monthere 948 94,82 5 256,00 256,06 94,84 Frederic invertigen CD inghas 2 mm de J. Je Je 256,00 2) 256,06 161,86 Jelit At migh There a Saldlym 94,86 160,68 3) alat Congo hjänglager horing 25.5,54 Aflent. 24,80 a myang myan a men 160,74 2 along grand Whatting yours 855,9 11 Tam Lange 4) 255,5T 94,40 # sayo creletor horps alul (2,4) = 161,48 till (1,2) = 160,95

A jury new Ging & min, Milia 134 hav niggelje Tengeraturs kinis 21,2 Tug nastyrage 4. m. m. 1340 a=45 ~ + + ' d=7 ' 4g' 15 15 1 13 10 1 10= 192 the graph & = 2°54' 6=183 3.3 216/1 hi boyva a 102,5 horiz 701,5 100,5 J= 82°38' prinklen juvitary = 82 39 If way hay u=65 hordits a = 2,82 Neneys = 0,91516 52;=3,5065 a=3,892 in ahuden formight a=3,829 maharontiturra mais regulter hermild leggel beformance my gage Kirtri a herije 78 Tenyaratura 21,7 HUDOMACTIOS ARADEMAA 717 min sayban 712 713 715 F15 a = 139 7145 hrig 714,1 715 278° 6=188 22-2, = 3,5705 714 d;= 2°58' Anoth Nevys = 0,92679 M=)7 Ju= 82° 27' au = 3,572 milling a = 3,845 azing = 2,857 Rz = 3,857

a negy gogsval inhometer 698 min 698 697 698 21-2, = 3,49 698 699 $q = \frac{91}{2}$) $q = 8^{\circ}$ b=188 J,=2°58' Jep, hund 22 belit. 22 a=3,877 udehalen azi=2,821 Newys=0,9143 Thur-file togth itter, Nicho at mins 42 Tenjo, 22 9=24 u=1.9 Junitas Wijerlo 4=2,20 etille 409 {d=757' min wayben yoy 404 6 = 188 410 horep 40g 40g Zz-2,= 2,045 410 J;=2°55' 408 Dz = 82°44' Yoy Newyo = 0,93174 904 a 2473 2,194 = 2,194 +) Thanfile ender Tego. 22,1 427 When Kin Ft 425,5 a = 39 d= 8° 427 9265 min weghen 427 426 u=2=36,5 425,5 6=188 J,= 2° 50' 8 = 82°50' #28 hrup 426,4 2= 7=2,132 426,5 Windits a = 2,54 mintertage 426,5 Nempi = 0,91892 2018 +) Amiton a my my godjoval a, = q 2, 2, 1+ 3 a anthonyour a, = 2,194. ++) $q_{1} = a \frac{2i - 2i}{2 - 2i} \frac{1 + \frac{1}{2} \frac{a}{a}}{1 + \frac{1}{2} \frac{a}{a}} cl number q = 2,32.45$

Jensart &- james mighatariasa. 1883 LgA. 17. Junar no (physition integates almesse pelostanten liver Vertical 5,24 meisen 3,5°C vizben a menistrus maganaga 212 5,20 myanya 3,5°C a ció megfaditua 11 21 212 5,27 zoomilikben Zy= 1,06 4=2,62 Mas helpen 5, 28. 4 Inbab i n'ageno ben befora das la formalia in of my nons ating that we we $\frac{1}{2} \frac{1}{200} = \frac{-1012}{+200} \frac{3012}{-100} + \frac{1000}{-100} \frac{3000}{-1000} = \frac{1000}{-1000} \frac{1000}{-1000} = \frac{1000}{-1$ Moninstrus mayanajn = 3,5) 4,7 14,15 3,4 94,2 Andrech speci Juvichs and and day delinger inden Minige Roklande under des Chemie un Pharmace, Minige Roklande under 10 ber Da 1859 Juni fiches Suraht= S== 0,94695 - 0,0048041t - 0,0000009 > 6t - 0,00000 194090 + 1975 5= 0,9282 ling Construct 5 019710 5=0,9265 00 6 019971 4°22 5 = 0,8510 50 019222 16,91 100 18,79 5 = 0,8385 - CAT 0,5948 15-0 200 0,8605 And the second 0,76=37,03+0,990bit +0,000bsilvt want a gin in inge figt 1+d+ 775 drings = 1,5252 drings 0,76 1+d+ 775 drings = 0,00569

19° 2= 148 - 477 mm. hinds 145- 3 144 = 0,72 hinds megfertiter 143 fents is delisch a lagigar a sins avmenis cus maganage \$ +3,5° Celins hopeland 2g,=1,06 n=2,62 Sz= 0,9297 135=0,0786 ellin A = Z 1+0,3047=+ 1 2 formala 5-3=0,8511 skoul . A = 0,405 az = 1,06 d35=0,3736 $a_{3,5} = 0.937$ h= 0,164 $a_{II} = \frac{1,06}{1,141} = 0,929$ da = 0,0140 $a_{\overline{m}} = \frac{1,06}{1,132} = 0,937$ a²_{3,5}= 0,878 hygen a oversad minin maganage 19° Cel. höfetnit 290= 0172 0,9 = 0,8741 $a_{1g} = 0,664$ $b_{11} = 0,1076$ $\overline{b_{11}} = 0,1076$ $\overline{b_{12}} = 0,7265$ ar = 0,72 az = 0,659 a²₁₉ = 0,430 d 17 = 0,1562 an = 0, bby A kritiken højek kolmer = 31° enemt at hord wingor a hritiken højekted mit hømiselletted $\frac{12}{7} = 4^2 \quad \alpha = \frac{4}{2}(5-1)$ Event his imit that's - 10 folow & had by 19 tal 3,5 in an an 15,5 Joka montails & 0,948-al that 13,5 for 0,391 digg hay - 10 falsa a_10 = 0,878 + 0,391 = 1,269 - 10 fabril a forgiling rins av en ni ege 5 = 0,9952 S = = this A Will gog yours a = 28 strosphirs is ancheninge e such 0-1=0,937 in m $\alpha'_{-10} = \frac{1}{2} 1,269.0,937 = 0,5945$

Tahiltah yens avra (-10) Color Jahuar &= 0,5945 Emch mayfeld both mil + 128° lets. her hother is dolar own 39° mil a hal & = 1,5102 Jelline hy d l= 190 in ingor my howthing a fogger od 1 fola= 1,5702 ingi (dd), pola = 0,0707 What & + 128 foling Ethione d = 1,5102 - 89 × 0,107 = 1,5102 - 0,8523 =0,6579 myplus hipland y dick = 0,5945 = 0,903 CO_{i} me nieme p=73 t=31J= 304 J'= 463 1'= 190 althornique p= 37 Estend den for formale north $\left(\frac{\alpha_{co_1}}{\overline{d_{ensy}}}\right) = 0.9475$ -10 13,5 19 0,27.26 0,1562 d= 0,59.45

5=0,9952 1=3,5260 d 1= 2,1022

0,8341 3,6172 3,7504 0,5858

017656 = 0,0494

0,9297

1,3574

0,7508=0,555

:5

0,57858 = 0,489

12

Jensar, Adreak englis in djæ for von Moring a 020° mjæra 2,62. 3,5° Columies a menisen Ingariga = 1,06 19° 0.72 Kirjamitra a= h+3 1+0,005 n + 1 2 formelioner a hel ha menisons myosiger & a Passon formelabor similar eitete a cours emelhedising legar. $a_{25} = 1,00 \qquad a_{12} = 0, by$ ettil a² = 1,000 a²₁₉ = 0,476 ?,5 falmil a capplely' remain rivinge = 0,9297 a site 0,0786 ---- = 0,8341 1. 0,1076 13 Julias les inne. tiget \$~0,425 f35 0,425 Oct. Isi'li hopitere a235 mm 1,00 haves a) fig=0,175 2) entrips lyon 1,024 out a in figo adda wowlent's in hy 1=47,89 1/4 = 43,84 f3,5=0,441 is 1= 52,6 k = 47,4 A2=5771 1=3,747 l = 3, bizfiguely = 50 cover hits What = 0,171 es 12=14,03 12= 13,05 /slig = 2,40 cm fl= 2,455 fol= 5,546 $\frac{\int \mathcal{A}_{1,5}^{L} - \int \mathcal{A}_{1,q}^{L}}{I5,5} = \frac{3,31}{15,5} = \frac{0,21}{9}$ 5,600 dfd' = 3,10 = 0,200 Simas - 20. Julnit, Andrich such liver a survice -10 0,995,48 0 0,947)52 +10 0,995)52 6 - " min) -20 = 1,038 With = 42,28 Junion J=253 p=20 × 760 Rgl. p=15200 K F = 25 40

ly active wouldoing 120° ni Sno= 1,29 er kinumbra V_= Vo(1+0,002) formation Inder. bb, Atratory offy What the = 124 T= 390 p= 7719 mind 120 futil 2 zymin 5 Jula jedent no a ziring 5 Jahra joo al fory, a homen's aft for I no' lehan. Nom Walat 125 Jahra $\binom{m}{2} = 2410 \left(1 + \frac{1}{9} + \frac{1}{100} - \frac{1}{50}\right) lela's$ homelulat $\left(\begin{array}{c} f \\ J \end{array}\right) = 2680$ Crunt Jiman - 20 nuch myfiled 122 vyjes J= + 250 mg mgled J= 395 Jen en Al' - 20 fruit hetter 4° it 5,546 Jen en Al' - 20 fruit 100 pelinas 36,16 100 pelinas 100 top = 0 -20 John the lespen: the tr $\int \int_{-20}^{2} = 5,546 + 24 \times 0,2$ 110 18,08 472 11=10,35 15,82 403 120 130 13,56 12 = 40g júl van.

les 5098 /12 Visboletik. hy Dilaate by a ditte formill yok. MAGYAR TUDOMÁTIOS AKADÉMIA KONYVTÁRA

any. 12 1885 Easts and my egges a back glus hite is werete when, hilmants Dechogles gube given millette hopeters terri Unit 120 h = 372 120 h = 37 1 20' THE aller on the int gay her Jemperature 2° 406 min regen \$ 406 406 min regen \$ 406 406 min regen \$ 4095 407 \$ 405,5 agago 407 mig na 406 406 refer Teyo, 2,5 whin a ly highbealt class, 903 406 MAGYAR TUROMÁSINOS AKADÉMIA KONYVTÁRA 406 405 Jengo , 2,2 mely in her fore. 3502 alle 10 pras ander 25,7 288 28/25 min 288 387 Yayba 288 388 288 28%. 282 Kints 10 prised Tay, 36,1 Jago 36,2 elista " in hile 289 289 289 289 289 289 289 289 Tep. 26,2 afally lister himero 29

my his its belso homine 36,5 Unles a Jully tertion 38 391 391 391 391 Ria 390 kin 26,3 390 166m1 26,5 helin 25,5 3/6 290 \$ 25alcahiller beter in mit slits angungen inoghtes . Tayreratus à inbré = 27,5 636 397 292 297 297 chiddin merten ched when 200 298 298 298 298 aliabel procalition Platen when my

alle kirts atomin = log minin hipselletor = dunds jugting Temps 2,5 4° zyén menin m $h=1,865^{\circ}$ 373_{1} $\frac{h}{h}=0,414^{\circ}$ 373_{2} \$=1,57 215 $\frac{3}{4} = 0,349$ 216 216 $\frac{3}{h}\frac{1}{h}$ 216 217 214 3/554 40 h=1,78.2 Tenjovahan 21 - 210 h = 0, 296 h h a= 1,71. 500 1=15 356 1=0,000 25-78 h but A = 1,71 2 frit 2.00% 2005 257 Jayo, 21 alentoton Terre Temp. 20 . 299 }= 149,5 men an may un 1 ann 299 }= 149,5 DIB h=1,772 299 }= 0,002 MARTAR DESEA 2000 = 0,002 MARTAR DESEA 2000 = 0,002 MARTARA 3 bil a=1,71 h bit a = 1,71 Tap by, y 3=1,215: menines agassigning and a=1,49 262 264 ==0,292 262 264 Tego 60 211 - = 0, 249 " hid a=1,51 215-214 Tenjo a a a o It I the di the 2 2,38 69,29 4,107 16,87 40,15 3°7 1,83. 3,75 1,424 ? 2,03 71,14 4,14,2 17,15 34,81 21 1171 2,92 1,287 2 1,44 76,12 4,208 17,96 25,86 63,7 . 1,49 2,22 1,295 p= 98,67 Kasihan hojas 184

Veressard and stringe hind Tup6°C. meresthis 469 469 469 Janjo, 60 240 290 Alcoholhon a heres savers 1ego, 28° menisky 262 442 267 447 266 Jeyo. 28 proalon 66° Fuguentini 65 minisen 397 mynfilso 392 mgr 224 ' 225 725 224 225 226 225 - 6574 220 226 225 tep. 65 rea the an as is landered af S mini We we wind on h who by a her aller a colli (ohng) for and 1,422, 18 Chill hage

Kenen sud en hillis atmes = 12,8 A = 57/200 mm. = 0,275 A = 57/200 mm. = 0,275Lewashyny 0,41 A = Kinsavis beli atrinoji = 12 Virer cro' Kinh alunor felner, hynn, 0, by cro' belsi reminige = 17 Ciching tego. 24,7 18,0 655 J 65-6 655 J 65-6 78 n=8,5 h=3,84 A 9.8 $\frac{1}{3}, \frac{1}{n} = 0, 386$ $\frac{h}{n} = 0,452$ 99 mines cay 86 768 102 a = 2,82 $\frac{a}{5} = 1,165$ $\frac{a}{h} = 0,996$ 92 767 82. Kingo go Vintos atimero 28,5 Vira and 2 1.02 664 Tep. 25, 103 8 664 Tep. 25, 103 8 664 664 5=3,328 99 6655 6655 Vires in Mutro alm 28, 2 (795) 4= 3,975 < = 3,728 1 = 0,200 k= 0,978 1 = 0,295 115 Falons 400 = 9,75 $\alpha = 282$ $\frac{\alpha}{3} = 1,147$ $\frac{\alpha}{5} = 0,960$ belis atomin' = 27. 102 MAQYAR TUDOMÁNYOS AKADÉMA KÖNYYTÄRA 102 u = 12,5 Vire no hit thing 110 colle con kilso almini 12,0 John in = 1,5 belio strie os = 9 198 Az 2mgi n= 415 196 204 202 201

670 Teny. 670 24,8 675 672,6 672,5 672 Roje vires ess aprivettabel Csillsh {= 3,262 Kulos advisoje : 21,4 u= 10,1 h = 4,015 $\frac{h}{n} = 0,298$ \[
 \lambda = 0,000
 \] Monikey $\frac{a}{5} = 1,107$ $\frac{a}{5} = 0,960$ 800 1805 Mijes and Machino almer 29,7 Chiling mening Akralla 155 654 157 654 25- 658 784 Jugart-Antratyon 1,15 n=18,7 h = 3,93 $\frac{h}{4} = 0,210$ $\xi = 3,27$ $\frac{5}{12} = 0,175$ $\frac{a}{b} = 0,972$ a = 1,167 breefylation of in my ero we have $u | \frac{z}{n} | \frac{a}{\xi} | \frac{h}{h} | \frac{a}{h}$ 8,5 0,286 1,165 0,452 0,996 10,1 0,000 1,107 0,098 0,960 0,295 0,960 13,5 0,239 1,147 18,7 0,175 1,167 0,210 0,972

goryonis , Autor 20° 179 40 420 60 860 80° 1611 49 4 177 8 25 2718 2718 5416

Renins en 0 1,5-7 20 3,24 40 6,15 60 . 10,69 80 18,09 100 27,82

Algeerin sinning }?

Daherglas hita?

MAGYAR TUDOMARIOS AKADRIGA KONYVTARA

113 . Jus 5098 23 MAGYAR IUDOMAR OG AKADEMIA KONIVIARA

f(t) = mノス + かいの = ミキカ Z = { + r(1-in) = ({+r})-rens x = rain A dx = ran Idh 2 dx = 2 (Srondal + randal-in 2) Zender = A sind A sunt - Man das $\frac{1}{r}\int_{C} dt = \left(\frac{1}{r}\right) \int_{C} dt = \left($ $z' = (z + r)^2 - 2r(z + r) \cos 2 + r^2 \cos^2 8$ $d_{1}^{2}dx = f = (\frac{1}{2} + \frac{1}{2})(m)d\beta - t'(\frac{1}{2} + t')(m)d\beta + \frac{1}{2}(m)d\beta$ $\int con \vartheta d\vartheta = sim \vartheta \qquad \int con^2 \vartheta d\vartheta = \frac{1}{3} \frac{1}{3} \int con^2 \vartheta d\vartheta = \frac{1}{3} \int con$

 $22 + dr = \frac{1}{n} \frac{1}{2} \frac{$ D+ 2 a cost dat _ za sin By 2. sin J RTar Tride = the d(wind) the een S Ir by Noin ANTONIA ANTONIA Din dr + my der + the = l' ling In : Ci

11m + 24m } + + (+ + } - 20 x + 2520 x + um + rum & + r 2 (a + indaria - 2 sind) + r 2 (a + in daos a - 5 indar a - 5 sind) = a u(1- an q) + a r (d - sind) 2 Showin r= m mypletha }=0 er ha }= 3 Amt myful h a h &= a B $p_{in} x = d - \frac{x^2}{5!} + \frac{x^2}{5!} - \frac{1}{5!}$ 3 $a_{12} = 1 - \frac{x^{1}}{2!} + \frac{x^{1}}{7!} - \frac{x}{7!}$ Km um a tart Y= - + 2 + - 120-700 - ŵT W alm=a Time - mandwood + va - more 3 Adtoring and - ersing The state and a state with a state of the st 2 mana - 2mm x ma 3 ensing (1-und) + the + King was - man + ma shot - and the and

 $\frac{m^{2}}{6r} + \frac{4}{p} \frac{m}{6} - 0,0959 \frac{m}{r} \frac{m^{2}}{6r} - 0,4292 \frac{2}{p} \frac{m}{6r} \frac{m}{r} \frac{1}{r} \frac{1}{$ 0,02 gd toh -(1+1= 0,0245243 0,02/0000 0,0152260 J. 2ph/pml. MAGYAR HIDOM SOF AKADELGA MINYARA

69 86 13,745- 10,538 34 201 2750 51.916 7 1,571 20'58 0,571 1314 1.405 1.405 1.405 1.405 1.405 1.57 5,882 70/14/19/00-20,58 5,88 1470 2,64 0,54 1056 1020 1020 1020

Mymint $2K, m(\lambda-x)(s+\frac{m}{2}) + 2Kx\frac{m}{2}(s+\frac{2}{3}m) = \frac{2f(n-x)}{m} + 2f\frac{x}{cnz} - cncin \vartheta$ $m_{1} T 2m(n-x)(\xi + \frac{m}{2}) + xm(\xi + \frac{2}{5}m) = a^{2}u - a^{2}x + a\frac{1}{5}x - a^{2}\frac{u}{5}\frac{d}{d}x^{2}$ $M_{T} T u^{2}(m+\xi) - (n-x) \times m - \frac{1}{3} \times m = a^{2} u \sin \alpha$ $\frac{x=m}{3} \sqrt{3} \sqrt{3}$ $emu \{ + m^2u - 2mx \{ - \chi m^2 + \chi m \} + \frac{2}{3} \chi m^2 = a^2 (k - a^2 \chi + \frac{a^2 \chi}{45} - a^2 cos \xi$ + ut ha (Etgatm) $\overline{I} = u^2 m + n^2 \xi - u \times m + \frac{2}{5} \times m = a^2 n \sin d$ $2mns + mn^2 - \frac{m^2s}{4a} - \frac{i}{5}\frac{m^3}{4a} = a^2n - a\frac{m}{4a} + \frac{a^2m}{4m} - ancost$ I emustad + mutga - mis - 5 mi = a'utga - a'm + a'm emg - a'usind $n^2 m t_3^2 \alpha + n^2 s t_3^2 \alpha - n m^2 t_3 \alpha + \frac{2}{5} m^2 = a^2 u m \alpha \beta^2 \alpha$ a u sin t (tor the taning tam

Jerenifise 2-5= 22 in = + = [2 dn + = [dn - dn] (- 2 in) $\int z^{2} dn = \frac{2\pi}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{2}} \cos \frac{\partial}{z} - \frac{\sqrt{2}}{3} \frac{\pi}{\sqrt{2}} \cos \frac{\partial}{z}$ $=\frac{\sqrt{12}^{3}(\frac{1}{\sqrt{12}}-\frac{1}{\sqrt{12}})-\frac{2\sqrt{12}^{2}(\frac{1}{\sqrt{12}}-\frac{1}{\sqrt{12}})}{3}(\frac{1}{\sqrt{12}}-\frac{1}{\sqrt{12}})$ $\int ds \, dm = 2\sqrt{2} \left(cn \frac{2}{2} - cn \frac{2}{2} \right) = 2\sqrt{2} \left(cn \frac{2}{2} - \frac{1}{\sqrt{2}} \right)$ $S = Z K i m \frac{\lambda_0}{2} \qquad \frac{\lambda_0}{2} = \frac{S}{Z K}$ $\cos \frac{\beta_0}{z} = 1 - \frac{z}{z} \frac{\beta_0^2}{y} = 1 - \frac{z}{y} \frac{\beta_0^2}{y}$ $\cos^{3}\frac{3}{2} = 1 - \frac{3}{2}\sqrt{3}$ - So= Str So= 22 $\cos\frac{\partial v}{2} = 1 + \frac{1}{2}\sum_{n=1}^{\infty}$ のシューノーション $z^{2} = z^{2} = za^{2} in^{2} \frac{1}{2} + \frac{1}{7} \frac{2i}{4q} (i - 1 + \frac{1}{7} \frac{1}{2u}) - \frac{1}{7} \frac{2i}{3} (i - 1 + \frac{1}{7} \frac{1}{2v})$ $2^{2} - \frac{1}{2} = 2a^{2} in^{2} \frac{3}{2} + \frac{2}{3} \frac{2}{7} + \frac{2}{7} (\frac{2\sqrt{2}}{3} - 1) + \frac{2}{\sqrt{7}} (n - 2n) + \frac{a^{2}}{7} 2n - \frac{a^{2}}{7} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}} - \frac{a^{2}}{7} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2$ $Z = a(1 + \frac{1}{2}\frac{a}{7})$ HAGYAR TUDOMAR OS AKADRIGA KONYVTÁRA 2'-3'= in in 2 + 2' (2-1+2) 2'- 5'= 2222 + 2 (2V2-1) - 21' + a'2(V2-1)

 $\frac{2x^2}{6} = \frac{x^2}{6}$ $\frac{2}{a_1} = \frac{1}{a_1}v \qquad a = \frac{32a}{2}v$ HA 1= 2,2 71 4a $a = \frac{c}{12}$ 2a2 = a' a = a' $q = \frac{a'}{b} = a' / 1 + \frac{2 \pi a'}{3 \tau} (1 - \frac{1}{2 \tau}) (1 - \frac{a'}{\tau}) = \frac{1}{\tau} \frac{a'}{\tau} + \frac{1}{2 \tau} \frac{a'}{\tau} + \frac{1}{\tau} + \frac{1}{\tau} \frac{a'}{\tau} + \frac{1}{\tau} + \frac{1}{\tau}$ $\left(1-\frac{1}{2\kappa}-\frac{a}{r\cdot 2}+\frac{a'}{7\cdot 2}\right)$ 4,15-1 $\left(\frac{2\sqrt{2}}{3}-\frac{1}{3}\right)^{\frac{1}{4}}$ NAYDAM ~ NAYDAM ~ NAYDAM ~ NAYDAM ~

$$V_{k} = \frac{\pi}{6}(z-\xi_{1})zu^{k} + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2}) - \frac{\pi}{2}z(z-\xi_{2})(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2})z^{k}(z-\xi_{2}) + \frac{\pi}{6}(z-\xi_{2})z^{k}(z-\xi_{2})z^{$$

du . I miljih alyaut? n nal monete dir du Ad = f(n) a - neg no oclaro fagge dir = flaydin A-Stender - Alajas in legrather Herebb int a ligning -Har day may gabe I Ala) Ida fall any myser. In fain an MAGTAR TUBOMACTOS AKADRAN KONYVIÁRA Sale and

taten um-pm I in The bol $\overline{IV} = \frac{1}{2m} \frac{1}{\pi} \left(\frac{1}{2m} - \beta m \right) - \left[\left(\frac{1}{2m} \frac{1}{\pi} - \beta m \right)^2 - \frac{1}{m} \frac{1}{\pi} \left(\frac{mr+\frac{1}{2}}{2m} \right)^2 - \frac{1}{m} \frac{1}{2m} \frac{1}$ 0,187 It bit $mh = \frac{A}{2m} - m^2 + \frac{m}{2r} A =$ I be time mh $I = m^{2} + \frac{A}{m} - 2m^{2} + \frac{m}{r} - \frac{B}{2} \frac{A}{mr} + \frac{B}{r} \frac{m}{A} + \frac{B}{mr} \frac{m}{A} - d\frac{m}{r} A = 1 + y \frac{m}{r} - (1 - y) \frac{A}{r}$ $E \overset{(1-y)}{=} \frac{B}{r} \frac{M}{r} + \frac{B}{r} \frac{m}{r} \frac{M}{r} + \frac{B}{mr} \frac{m}{r} \frac{M}{r} - d\frac{m}{r} \frac{M}{r} = 1 + y \frac{m}{r} - (1 - y) \frac{M}{r}$ $\frac{1}{2} = \frac{1}{2} = \frac{1}$ $\frac{A}{m} - \frac{AB}{m} + \frac{MEY}{m} - \frac{A^{2}}{2m^{2}} = \frac{A^{2}}{m^{2}} = \frac{a}{\sqrt{am}} \left(1 - \frac{A^{2}}{4} + \frac{M^{2}}{4} + \frac{M^{2}}{a}\right)^{\frac{1}{2}}$ 1-た+1-y-た=y 2y=2(1-た)

 $\begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{m} - \frac{1}{m} - \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{F} = \begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{m} - \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ $\begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{F} = \begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ $\begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{F} = \begin{pmatrix} -\frac{1}{m} + \frac{1}{r} - \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ $\begin{pmatrix} -\frac{1}{r} + \frac{1}{r} - \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{F} = \begin{pmatrix} -\frac{1}{m} + \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ $\begin{pmatrix} -\frac{1}{r} + \frac{1}{r} + \frac{1}{r} - \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G} = \begin{pmatrix} -\frac{1}{r} + \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ $\begin{pmatrix} -\frac{1}{r} + \frac{1}{r} + \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G} = \begin{pmatrix} -\frac{1}{r} + \frac{1}{r} + \frac{1}{r} + \frac{1}{r} \end{pmatrix} \mathcal{G}$ S(OF - E]) = & + ()F + OS' - ()F(1)

I bis under $\pm \pm \gamma m - (ipg) A (A a m' + \pm p m + A - m'r + m'r +$ miti 1 hr = 1/2 + 2 - Hmr $\frac{hr}{2m^2} + \frac{i}{2} - \frac{hr}{mr} = 1 + \frac{4}{2} + \frac{hr}{r} + \frac{hr}{r} + \frac{hr}{r}$ $hr = 1 + d + \frac{4^2}{r} - \beta Am$ $\frac{2}{7} = \sqrt{\frac{m}{r}} A^2 + (\beta m - \frac{r}{2m}) A = -(mr - \frac{r}{2})$ $\mathcal{A}^{2} = \mathcal{A}^{2} + \frac{\pi}{m} \frac{1}{\alpha} \left(\mathcal{B}^{m} - \frac{\pi}{m} \right) \mathcal{A} = \frac{\pi}{m} \frac{1}{\alpha} \left(\mathcal{B}^{m} + \frac{1}{m} \right)$ $A = tim d(2m^2 + lm) + l(m d(lm - -) - m d(lm + i)) = \frac{1}{m} d(lm + i) = \frac{1}{m} d($

Bangshin / = 1 22 = 1 when the = 0,88539 White the = 0, 88539 7 20,4106 bandple the Branch handprain at = 1,1296. Within a = 1 + 3 = -0, 1288 = 0,8213 / 10000 / 1,2176 ozi Volume but the = 1,1222 1/25 31 934 0,19,62 a cymbis 1,12224 1,302 622/01 57491 57491 57491 50 1,1302 01129 Ap in fundation of = =0 +0,0006 10000 1,1296 8853 x=0,2918,2278 1302 0, 15=250 $a' = hua^2 + \frac{1}{2}hu^2$ 15353 a'-hna2 = 5 hno 424 1147 $\frac{d}{dt}\left(\frac{a}{h^{\prime}u^{\prime}}-\frac{h^{\prime}}{hn}=\frac{1}{3}\frac{u}{h}\right)$ 1,126 1261 $a_{j}^{*} = \frac{1}{2} \frac{t}{y} + \frac{1}{2} \frac{u}{h} = \frac{1}{2} \frac{t}{2} \frac{1}{1 + \frac{1}{2} \frac{u}{h}}$ 117056 0,59019 1,5902/20 1,200,000 1261

 $2\pi \frac{k(m+h)}{2} - 2\pi \frac{h}{2} - k \left((h+m-\xi) du - 2\pi \frac{k(l-m)}{2} - 2f \left((d_1 - d_2) \right) = 0$ $(m+h)^{2}-h^{2}-\frac{1}{r}\left[(h+m)^{2}t+\int_{s}^{s}du-2(h+m)\int_{s}^{s}du\right]-2a^{2}im^{2}\frac{d}{r}-\frac{a^{2}}{r}\int_{s}^{s}(dr-dr)=0$ $2K\left(\frac{(h+m)-\xi}{2}\right)^2 dn$ My in a for the the $\frac{1}{8} = \frac{A}{D^2} = \frac{2(m+h)}{a^2}$ $\int_{a}^{a} du = \frac{B^{2}A}{J^{2}} - \frac{1}{3} \frac{B^{2}A}{J^{2}} = \frac{B^{$ A = 1 m 2(m+1)r - 2 2 $\int_{\xi}^{\pi} du = A \mathcal{B} \cdot \frac{\pi}{\zeta}$ $C = \int (d_{3} - d_{4}) = A \left(\sqrt{1 - \frac{N^{2} - b^{2}}{A^{2}}} \sin^{2} t \, d_{4} = \frac{\pi}{4} (A + b) \left(1 + \frac{1}{4} \left(\frac{A - b}{A + b} \right)^{2} + \frac{1}{64} \left(\frac{A - b}{A + b} \right)^{4} + \frac{1}{64} \left(\frac{A - b}{A + b} \right)^{4} \right)^{4}$ x= 3/429/2 + 256 (1+3) + ...

2-至=わ テ(1+1)= と $\left(1+\frac{2}{5}-\frac{\pi}{2}\right)=d$ $\mathcal{E} = \mathcal{Y}m - (1 - \mathcal{Y})\mathcal{A}$ $m_{r}^{2} + h(2)$ $m_{r}^{2} + 2mh - \beta + hm - \alpha + m^{2} = \alpha^{2} + ym + - (1-y)t + \frac{\alpha^{2}}{r}$ $\frac{m}{a^2} + 2\frac{m}{a}\frac{h}{a} - \beta \cdot \frac{A}{a}\frac{a}{h}\frac{h}{m} - \alpha \cdot \frac{A}{a}\frac{m}{r}\frac{m}{a} = 1 + 8\frac{m}{a}\frac{a}{r}(1 - \beta)\frac{h}{a}\frac{h}{r}$ he living in de experier on aben. I) mi+emh- BmhA - amiA = 1+8m - (1-1) + 2) and $hr - d + \frac{1}{r}m + \beta + m = a^2$ hr-dham+BAm=1 $\overline{I} \int_{r}^{\infty} hr - d \frac{A^{2}}{r} m + \beta A m = 1$ MAGYAR MÁNTOS AKADÉMEA ONYVIÁRA 11 hopy A definiting Aar = emer + um hr - a'm I'm the who who 3) $\frac{dr}{a} = \frac{i}{a} \frac{m^2}{a} \frac{r}{a} + \frac{i}{a} \frac{m^2}{a} \frac{h}{a} - \frac{m^2}{a^2}$ A or II by two $\overline{\Pi} + Ar = 2m^{2}r + 2m^{2}hr - m^{2}$ hit has shing hi. I'a The bis harry. you have a

I, I II frankis hipshinkin Daraport dygin . $\frac{D}{D} \frac{b'}{b'} = 8 \frac{m^3}{6^3} \frac{C}{2} \sqrt{\frac{C}{2}} + \frac{b}{5} \frac{m^2}{6^2} - \frac{m}{7} \frac{m}{6} \sqrt{\frac{C}{2}}$ e spint /s = 100 m m = 0,14487 19 = 1 = 2,18448 h = $\frac{b}{r} \frac{1}{p} + d A^{2} \frac{m}{r} \frac{1}{p} \frac{1}{p} \frac{1}{r} \frac{1}{r}$ R= 0713094 h= 0,1351 ba Markhi h=12 dli 0,1414 Pannhult=2,238 f ma h = 0,1752