P. 22.47 91142 - 8/20 per. 48-00 · 9x(0)=4 · 42(6)=0 · y260) = 3 42 (0) = 2 (x+2)y"-3g+yJ1-Y=0 a) no m. o cyy i in z litouin; a) his mone am mosonin roms do(x) to => a) ma (-2, 1] 5) W(91, 42) | x= 10 2 140 b) why , y2) = cexp(1 = 20x) = -) w(y,, y) +0 min 60gm M =1 4, 4, 4, - 1, 1, 1, 1, 1, 1 = Ce36u(x+2) = C(x+2)3 -> 2) ga,ognosyeun www. x=0: 2=0.8 =1 0=1/4 W(34,36) ~ 1/4(x42)7 =) B) W(4,42) x== 1/4 Barrie o hor to trying may burying a rest of rad o surger Th. Mosse remail. per ypue ao(x) y'x ark) y'x ark) y = 1(x), rox (li(x), f(x) resp. the I, clo(x) +0 delem the Johnson hopers. There my new ourses.) I. [] My cur come mangel peur y(x), remembre ben entro myro sur Ca. B.] no m. bourgais-Beserminiain 3 crogues. Xn - xo e [a, B]; y (kn) = 0 7.4. y(x) remp. & m. xo, mo y(x) = lsmy(x) =0 X1, X2,... X1,... T. Marso: 34, E (x1, x2): 3(41)=0 Kn & Gu & Knea 3426 (x1, x5): y'(4) =0 => 40 4.0 2 mm: 2n->0 3(x) mans = 3(xq - 12m 2)(xm) = 0 34n 6 (Ku, Kris): 5 (20)=0 Torge hom. eg. 3. Would 2(K)-3(K)=0 => y(x)=0, so to you. new m sun adopundatin (= Teopher Mayour Typeu euro 2 yn-le y'1 Q,(x)y=0 (4) Z"+ Q2(x) = = (2) Q1, Q2- never no mononium Z u · Qu(x) & Qu(x) pur] Myour y(x) - mus pour (2) Z(x) - mus pour (2) X1, X2 - glos ens no y(x), monoy hom. man glysux tynos 1000 0 1) 5(x1)=5(x5)=0 x1 / 1/2 / 1 2) I man E(x) werry how x2

I sur (x) & organ of rul-14 mount: cochect

Torga Nzz Na-1

Bozeronno Na usa N2 = +00

3 Julenneura

2) 9,10(x) 2=0

Tonge & neve peur 40-40 (1) uneen me some 1 uppers to I

[] (2) yn, Q(x) y = 0 , b, - weight per

(2) 2"=0" N2- www.rc. mengul. pur

notioner, une Nacol

Bospinen 2=1 N2=0 He pubali man

N1 4 N2+1-1-1

TI) 9"+Q(x)y=0 (2) Nr Q(x)>, 02>0 u nevo. rus Fech. upocon. I Forgo y nempul. pech unum Fech. unum regnes rus I

 $\Box \quad \mathcal{L}_{n} \wedge \mathcal{O}_{S} = O \qquad (4)$

Document, Nx = +10.

Z= Cycosax+ Czsinax

"Him Equi. Uposim: N2=400 => N4=40 €

Moulder zoyour gra yn-1 2-2 nopogler

4 (4) y + (4) y + (4) (4) y = 4(4)

x e ca. l z

d; f neup. m. La, 67, do >0

Upuebar sugara: garan gla manur. yes-a y(a)=A; y(b)=B Peri monien en Joine, monien Jame Secti. moros.

Hummet.

1969=0 19=18(05)+(25:mx

y(10)=1

rie duem pers

الانديء الاعراضيد و معانيد

469=4120 · C1=0 · C14

7= Crinx-ho

pur bear

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2mp 2, + O(x)2 = E(x) x c C = B2
Unuellen zayour y(a)-A; y(b)-B unem neu, univer egunal
 (1 a) cyclecubobarine
      Pullus oge 3. lours gue oge yn. e
                                   us mayar a eg. 00 a ce-un
        (1) (3, (a) =0 (3, (a) = )
        21 42(8)=0 42(8)=1
   Torga & op-4 buga Cryclx) + Cryclx) - pers. OS.
    Ecrem (e/k) - reup. peres. HD, me y(x) = Cryllx) + (ryllx) + (ryllx) + (ryllx)
     120 5 epeu Cy Cz: y(1) - A, y(1) - B
Cayla) & Caya(a) + 4(6) - A
 Cay (16) + Cay (6) + 4(6) = B
 Horizo, mason D. (4.0) 40
 P.K. Yalal-0, no y (6) to
 4. 4. no arganeme us 7. Manyone pun. 09 c Q(x) 60 he aronem arone Earne & ryne he [0,8]
 Y2(2)=0 =1 y1(2) to ; W=y1(a) y1(b) - 4 (a) y1(b) +0
        8) exculernocus
Type = 2 per you you
   4" + Qlu) yn = 2(4)
  77,4 O(K) 22- 1(h).
                                             1 new yora
                          yn-yn = ylx)
   y101-A 4161-B
                                             ( (alx) =0
                          1, ro(x)?=0
   yr(a)=A Yr(b)=B
                            J(a)-0, J(B)=0
              => cu. uzz. unypan
 11 - 4"+Q(x) y=0 - (4) -; Q(x) = 42 - x > 4 > 0
  Tough & runpul num. (1) unem &1 pyrus um x > a
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III y"+Q(x)y=0 (1); Q(x) = \frac{1}{4x^2} \ \times \ind \to \quad \to \quad

TCP. 2"- X2 2 - 0 - 41-42 25 vech X22" + AZ = 0 3ancesur X=et; Zx=Ziet; Zxx=(Zi+-Zi)e21 874(Z'-Z')674+AZ=0 Z"-Z+A2=0 32-3+0=0 $\beta = \frac{1 \pm \sqrt{1 - 4A}}{2}$ A=1/4. A=1/2 Mp.2 Z=(C1+C2+)e1/2 = (C1+C2lux) [X A71/4: 11,2=1/2=i-1A-1/4=tip 7= ((2 wsx + Czsiupt) ett) = (cacospsinx + (25inplux) Tx D-PO II [] 'Y"+(Q(k))y=0 (4) N4 3"+ 4x27=0 (2) N2 regumo g-ue, uno Da=1 · 101· 6· 10221 Z=(C1+(2C44)1x C2=0 2=5x prem right up x>0 102=0 =1 10x 41 D.80 11 1 - 4" + Q(x) y =0 (2) - N2 2"+ + + = = = (1) . WA. & Crick our Jean mourem アンニィー N27, NA-1 = 10 120. 40.2 D-ow. H reme pres. 40-6 41/4 1/12-0

120. 10.5 D-on. H rom pur yor & y'+ 4(x+1) 5= 0

Design where the part of III on any part of service and IIII on any part of service and IIII

TCP. 103 D-Mc. & Many, Mus. 150-0 4"+ 1+x2=0 (unem Fecu. umoro myres + (0,+0)

[] Document vois sen und seculiares mont rea [1, +2)

1/4x2 > 1/2 = A=1/2 > 1/4 = 1 NO [V Fech. Whos Legres