Diesessaber 11.10. gaceur liputer peu en are occurs Bo llopurpupuluep. Koompureuer: grecer unibær die obe pere (1+y1) = y1(y-x)2 P=-1 y=x-no els. P.up. 1. (1+p)2=&p(y-x)2 P=1 y-k=+2 - near 2. barleon uprigue 3. 3egoeur Mouse 1 angeyen. 4. the Ocesure piece ceaux Gilice Verpeur egg, veg peu. 3 lloeur yne grens 17-20 myretus y'm'= f(x,y,y), ... gh-1)) y(x0)=y0, y(x0)=y, ... y(4 47 (x0) = y.1 Eau Poun our Podu GCRhin no 3000, par 1 leaux eyes y ey, ten (xo-5, to+5] Me Morgin en magnelle flets pell your total a) y - x + y2 - you no mo uju, (16)=40 (5) 9"=x+y2 Ouben rem. 2 peu, 49.3. house A(kg) 5 20' A, (kg = h) · 6) · y !!! = : x · e y2 Ouben: ga rescyce Tello neusies zolacesdas g''(r.) y(16) = 40, y'(10)=41, y'(10)=41 P-231 Cerandro cega pres yn co y (n)= x+y?, yo. ycu. y(o)=1, y'(o)=2 3"= x+y y(0)=1 y'=xxy y(0)=1 y'(0)=2 dis- x+ 95 1 neur Sech erresio 2204/2 più z-Ciscie, y" neonen vano noccipie -> the help been

Ryri cuis n 41-ce g(4) 28(6,4) (1, (6) nech). 2. hearen. y(1)= +(x,y) y(ro)= yo, y(4:1)(rd)=yn. Y1(0)=0 - 42(0)=0 Jaso 9, (0)=1. 4,2 (0)=1 y" (0)=0 Y" (0)=0 y"(0)=0 \$ y"(0)=4 0 y(4)(0)20 + y(4)(0)20 Det 1 = 4 - 2 mozhum pen 3 hour cessuryum - pubozilowe. auleur; N=5. - 05e . gracio. ytt=0. II zegetette Mocesture y - un conscenement Coosea paresence reior ograppogram gran vivo depression 6-01) 00 y (40), Q 10 y(4-1) 202. y(11-2) 2. . . 200. - 13'+ (24 = Xapalinepiculie your Mubo rem anuso opres - rese up ba pose. Y1(x), y1(x) - Lescer & rele (PCP) Opos. y= Gulk) -... (my; (x). Well mereus PCP? 1) Bie & di yerroub in presolecteur. rip. y': 6g + 8g = 0 A - 6 + 8 = 0 An = 2 Az = 4 y = C1 + e<sup>2</sup> x + C2 + e 722 y" - y" - y + y = 0 - 23 - y 2 - 2 + 1 = 0 (A-1)(A+1) = 0 Pr=1: 12=1 typ.2 92 C18 + C28 + C3 X8x

```
Micen 2
 2) 7-08escels luperes xap: you to upaurescur le
     6 PCP Unture dem = u Melle
        enx, xenx, .. xu-1enx.
     y"-694+179-89:0
      (7-2)3=0
       7=2-up.3
           One: 3- Cx6st Csx6sx+ C2 x56sx
 3) Cyro hoemukerus horeves 7= ×+ pi poxo.
                                 A=d-Bi - morro lamena
yn= ex (copreisings).
91 = e = e xx (cos. Bx - ista Bx)
41+42 = exx cos Bx, 41-42 = exx siy Bx
                      same pan
  56 A,1,4 ms. A = 0. 10 22
     \lambda^2 + \omega^2 = 0 \quad \lambda = \pm \omega_1
      . PCD gilor giwx.
         B. yes al Buye. coswir, six ast
              y= C. Coscor + Cr-stuck - OUR
apremiere hours. nepri.
    1-2+Bi, B+0 - Werene up a
          Dep. cogepuen gelle & Pep Zu nou
                 ex. ws. Br., xex ws Br,
                                            the ax compat.
                                            xu.ieaxslujak
                 edx 814Bx, xpdx slips
Per- y'ul +184" +814 =0
      74181281=0
                            7=£3; X=0 B=3
Oul. 42 Cr. cos3xx C2 sic
                          3x 4 (3x cos) + 4 (4x5:43x
Ro- 9"-69"+109=0
      72+67+10=0
     Pag. (9+3/2=-1
                        y= C1e 350st+(2e-350st SiGF
           アコーラもじ
```

luvieració accogniency con con cores. y (a) , on gu-1) + on-19'+ ong= +(+). OPHY = OPOY & YPKY Male reason yprey? Pn(x) enx - liberzeres reviews chien y Mor cown yprey? In I carged. It we also konnece trop up. Morey revenue & leep. Quillet c recip los 17/2 4-49-32× 8-2x P(x)-32x 8-2x m-1 12-41+4=0 (1-2)=0 7=2 cup.2 UPOY: (ArtB) R-2x = 4. MPHY: (Ar+13) 2-2x = 4 y'=A. e-2x (Ax+B) 2 e-26 (-2Ax+A-2B) A. - - 5 6-5x (-5 Ax + 4- 12) 54.6= 8-5x. (ABX-AD+ AB) 5'= 4Ax-4A + 4B 16A=32 => A=2 -16+16B=0 => B=1 y' - 8Ax-4A 189 y = UAR +413 = 32x yn = (2x+1) 0-24 Ophy 9=(1e24 & (2x11)e2x Maeur hopus. aux Im (x) et sig Bx (osa curenere Eus). wer eine woch. ux ne u. u.-d. Bi me else peu rap. ypies. Touse y = On (x)ed copy + Q(2) (x) ed si upx Q') Q'2 cureiresee &m (1-1-7-2:0. (1-2)(1-1)=0. 1-1-1-1-2:-7. OPOY y= C1.2. (2. e.2) JPHY: Y= (Ax+1B) CDS3x+ (CX+1D) SIM3x.