Hany Francism Ornace (blencostoog CHEMICAL CHECAMET E'AND C. P10387 3= Cx + X y' = (22+1) ex + x where M= 2xx11 V= (2°+X dy/doc= 2 dy/dx=(2x+1) Cx2+x y" = (2x+1)(2x+1)(x21x+ ex2+x(2) y"= y'(2x+1)+2y Lasint 2 " ans som " y" -y (2x+1) - 2y = 0 yu= (- ov = (on you gmz) ME JU 10 (N' 10 W. N. 1 (24) 301) = 37+2 W 2 = y'(2 x+1) - y = 2 x+1 N=y'
1 = y2+1 1. 2000 N3)+ (Code N3) = yn+1 (2x+1) nyn 2 W3 2 27 N=3, N=7, =0 was zon (onla-ov) y nt2 -y (2x+1)-2y=0 yntz- ynti (2xti) - 2yr (n+1)20 yn+2 = yn+1 (2x+1)+2y (n+1)

No = 5 3 N, = 855 , N. 1 = QX N, 11 = P N= eqx, 11=4e42, 11 = 16e42, 111264 eq2 Un: freax 7,= , (N,=0 No)+ , (N,-1, N, + , (N,-5, N, + , CNL, 2, NM = N" V' + N M - 1 V' + N (N - 1) U' - 2 V" + N (N - 1) (N - 2) Aus = tubbu x3 +ubu-16 to 3x5+(ucu-0 tu-166x + (u-1)(a) 4 25 6 48 6 48 =4°2+23+ +41-1242 3x2+1-(n-1)41-28+2,3x+n(n-1)(n-2) 4 2-3 84x z 42-3 6 45 [43 63+14 -3x2+n(n-1) 40 3x+n(n-1)(n-2)] = 423 64x [84x3+448x3+15 (2-17+201-17) 23=42-3 64x (exx3 + (2x48) x2+15x2(2-1) x+ 8(21)(2-5) 33 = 1064x [64x3+ 540x5+540x6489] 22 d2y + xdy + y20
dx2 dx 22y" + xy + y20 N°= V= Y" V1 = y 111 × 4 = y 14 un= yn+2 Wz=xy' 4° 2 ×2-1' 11 = y" 1" = y1 C: 1, A 11 = y"

N',=1,(01,-01,+,C:11,-,1,+,C+11,-51, Nonth Jan 1, + U(V-1) Muss A. = - y 12 V + myn+1 9 2 - y 2 × + ny 2+1 2 2x+ nex-1) y x = y 2+2 V + ny 2+1 2x+(2-1) 2 y Non-1000, N. + (U-1) V Mu., 3 2 yntix + ny -1+0 - Nn No 40 ひとないナカノナナタン いしょれないこと y ~ Cy 2 x2 + n2 xy + n(n-1) + y ~ (xy+n) + y ~ = 0 at X=0 y^n(n-1)+3~ 2+y2=0 へ(ハー1)+ハナ1こ) y --- y ~ ~ (~-1)-n y ~ 2--0-7 = x2yn+2 + n2dyn+1+n(n-1)y^++xyn+1+ny^++y^=0 = x2yn+2 + x2yn+1 (2n+1)yn(n2-n+n+1)=0 = x1yn+2+(2n+1)xyn+1 +(n2+1)yn=0

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