Aflication realist de carthal Anii 13; 14-16-10 (1) for the course servate evate onterentiale limate 10' awagent care are satisfille particulare indicate: 1= X; /2 = X - multure fatulitate une co. At. amore of amogen de deunen service ne egala en ardemne senaster. In chia a acosseri nxable end faturale d'in a simetic limide independente, Liceary fundthe antimitable, este sabrilla generale a ecuation. care all occupations candition on not function = {} U {} J, Je, --, Jo] as fle larman rependente C= W(d, d, J2 -- /n) = 0; d, d, d, -- - /n Exchentin. B-{+, x2}; XER* (x +0) y n (n) y (n) - y (n) 1 2x = 2x = x = x = x = x = y1, y2 must indigen -W(x,x) 70 C=1 ekteliminater eentlei ernak W(7, x, x') = 0 pt pt : y= mecharente ecnation.

V(3/2 +, x) = | 3/1 / 2 = 0. No 2 vald in sot. 7". (-11". | * x2 | + y'. (-1) 1+2. | * x2 | + y'. (-1) 11' | 2x |= y"(2+2-x2)-y((2+-0)+y(2-0)=0 (x'-y"-2x'y'+2y=0/ B={y=+; y=x'}. Sal. gen. a cevatler va fi: y=C1x+lex Dé ne diterimine salmité generale à ematter enternable de aboliment, limiore n'amagené, en caeféctement constanti: a, y(n) + dn y(n-1) + dr y(n-2) - + dn-1 y + 9n y = 0 Enter: canda'm sacrific de falma: yz e y'= h. eht; y"= ht. eht. y" = h. ent en+ (ao. n + a1. 2 n-1+ ... + an-ite + an) = 0./ex 10. 12 + 11. 12 + - - + 90-1. 12 + an = = emayla caracterés sécrit a savinté européent du Lelan Male esentice pomintumace of ghadmen.

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or sal. a. ec. out of in minternul turdamental.

Ji = ent ; J2 = e ... , Jr = e ... , Jr = ent ... fall. 2 en. wease fint a spathwar salvilletar := foil gen.

nel va fi y = Ci etat + Ci etat + - + Crie de de casulz p ca tad. ho ER, ni multiple de ordlimel p. Luiko ii non cales punde p satyta all el: out, in sinterrul fundamental desde.

In = e 1, y = x e 1, y = x e 1. e 1. e x e 1.

It the substitute had a est i alle It freeze sadactive unestille a er caract me

ca 2 ml 3. Et caracté nistière are sad cample re caujuga le sirm ser il = a - i b = lon la caraguna survivale : y = ex coys + ; y = ex nim ser en sur seuj ensely: ec. extract. are tod. carrifler esergi readily wheed-its of hid. I and p. Lor le un cares punde na crétile et duf: The exempt is at the confix of the start of $ax^2+bx+c=0 \Rightarrow A=b^2-4ac$; $f_{12}=\frac{-b\pm\sqrt{\Delta}}{2a}$ $A^2+5x+y: \Delta=25-16=9$; $f_{12}=\frac{-5\pm 3}{2}=\frac{f_{12}-4}{2}$ $f_{1}=e^{\frac{1}{2}}$; $f_{2}=e^{\frac{1}{2}}=\frac{-4x}{2}$ $f_{1}=e^{\frac{1}{2}}$; $f_{2}=e^{\frac{1}{2}}$ $f_{1}=e^{\frac{1}{2}}$; $f_{2}=e^{\frac{1}{2}}$ $f_{1}=e^{\frac{1}{2}}$ $f_{2}=e^{\frac{1}{2}}$ $f_{1}=e^{\frac{1}{2}}$ $f_{2}=e^{\frac{1}{2}}$ $f_{2}=e^{\frac{1}{2}}$ $f_{3}=e^{\frac{1}{2}}$ $f_{3}=e^{\frac{$ Sacretta une phaleure canedy: c·i: { y (0) = 1 y '101 = 1 y 1181 = - (1 = x - 462 = 9x (2) y" + 6y' + 9y = 0 y = e -6 = -3; hi = hz = -3 This = -6 = -3; hi = hz = -3 = y = e; yz = x. e = y = C1e + C2. xe'

= y 1 = e; yz = x. e = y = C1e + C2. xe'

(3) y"+2y+2y=0 1"y=eny-1"+2h+2=0 D= 4-8=-4 60; R112= -2 + 14 = -2+16=-1+1 = yn = et. coly; yz = et. nimy - sins. fundamental de sal. d=-1; b=1 = Jx = CIE CMY + CZ. E. MMX -24+ x3-1 - x3-1 = 2xy -2x(1+ \frac{1}{x^3-1} = \frac{2xy}{x^3-1} -2x \frac{x^3}{x^3-1} = 0 \\
x^3-1 \\
Se face reclaime halfa de functie \\
se face reclaime halfa de functie \\
\end{area} ソニダハー主(ソニーメー・ディッピー2×+ 立 12=(++++++=) -2x+21+21-(x+2x2+2)-x2-1(=x2)-2x=0 $\frac{1}{\sqrt{1-1}} + \frac{1}{\sqrt{1-1}} = 0 / . \pm \frac{1}{2}$ 2 + 2 (2 x + x -) + x - 1 = 0 (=) Et. en gent a factoré: z'+2. 3x 20 -> et. en ration en la para los le: 2 = - 3x2 1 1 1 2 dx = - 1 2x2 1 dx

lut = - la(x-1) + luc = 5 = = = = 1 re optica metala inatiatici constanticari.

ne optica metala inatiatici constanticari.

- se prod cand ca 2 - 1 ecrable neoruge. = C/4/(x3-1)-1(403x2 = C/M - CM · 3x2 = (x3-1)2 x3-1 => C(1x1=-1 => (C(x) = X + K) = 2 = C(x) = x+12 = x+12 = 214 | x3-1 = x3-1 = x3-1 = x3-1 Devemon la mastetatea install:

y = - x² - \frac{1}{2} | \frac{2}{2} | \frac{1}{2} | \frac{1} | \frac{1}{2} | \frac{1}{2} | \frac{1}{2} | \frac{1}{2} | \fra - | y = - x - x - 1 | K+ x | Behnrulle y'+ p(x) = @(4) y = => 1 + xxxx = axx ; se face reconcioner de 2= \frac{1}{2} = 2 + P(4/ 2 = Q(4) | rearrageone 12 - 21x1 | neer

resufice order ente particulate pour singulation x. y2 + = - x 1 2 = = - 2 1 = = - 2 1 = - 2 -x. 2 +2 = -x2 | (x2'-2-42 | neomogent of 2 = to + thosal partie or ec nawagene sal-gen a cc. amégene a faciale 9) Er. aungeni: x 21-2=0; x2'=2; 2-d2 x·dt=ま; dt=女 (==女) lut = lnx+ luc [Z=C.X] -> fal gen a el. SIPE =: Met. var. constantelor: C= CH; -1 2(4= x. C(4) -1 puorem cound. ja niluf. ec. neamog z'= 1. C(x) + x. c'|x| Infall. In ec. newwagens X.(((K) + X. ((K)) - X. ((X) = X) X. COM+ X. CIIXI - X. COM = X2 x2. CINI = x2 => CINI = 1 => [C(X) = X + K] => 2(K) = (X+K). X ; [2(X) = X²+K. X] = foll: gen. all a ec. Cin n' neamyent in noua fomette 2. hall to y of t Y = T(X+R)