Aplicatio la resolvarea minterrelar limiter de n'arraper, en cachicienticanstant par la ser exercicion de propie. asult metade materiar n'inschoplar propie. asult natoritar propier. 1- Au min 5055-507; 15:01: 20 40 (281 = dn y1 + d12 y2 + - + denyn de carté facritie le favore y= A? Aik ht and are - - and he liest

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anihi + anihi + ---+ a, it + ap =0, dn + o. Le rezolta ecrafía formiza es ora a rédecta.

Re rezolta ecrafía formiza proprio alle moltrica. caeficientelet. Penton firecati antaate progrée nectalul program calespuntator as detek minel

r= 1 -1 (Azi = Va ; =1 X = (Azi) e Azi (Ann) reten et Arn e Va : /n / Arn en la ser la se Y= () = (Y, Y2, ... Yn) . (2) a volati papor trale or multiple cravolanatele restoriat judglin muit prefartionele
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Exemples. reconserve 1: 1/2 1 100 de = x-y+t Le canté salvisti de jaluna: (y - (B) . pt -)

A-til. 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\begin{pmatrix} x^$ $= (-1) \cdot e^{2t} = (-e^{2t}) \cdot e^{2t}$ $= (-1) \cdot e^{2t} = (-e^{2t}) \cdot e^{2t}$ $= (2h^{-3}) \cdot e^{1t} + t(h^{-2}) \cdot e^{1t}$ $= (-e^{2t}) \cdot e^{1t} + t(h^{-2}) \cdot e^{1t}$ $= (-e^{2t}) \cdot e^{1t} + t(h^{-2}) \cdot e^{1t}$ Dt 2=2 Y2 = (2) = (2-2) · ent /2=2 (-1) · ent /2=2 Y3 = (2) = (2) (12-3/14), et) = (-1). eht) / (-1). t. eht

$$\begin{array}{lll}
Y_{1}^{(h)} & \stackrel{ht}{=} & \stackrel{ht}{=}$$

3) si re dittek unime fabrilla generale à n'intermulini Set = x + 4 y

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It = x + y

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Him private evalue = x-x=4y $\ddot{x} = \dot{x} + 4\dot{y} + (\dot{x} - \dot{x})$; $\ddot{x} = \dot{x} + 4\dot{x} + \dot{x} + \dot{x}$ $\ddot{x} - h\dot{x} - 3\dot{y} = 0$ $\ddot{x} - h\ddot{x} - 3\dot{y} = 0$ $\ddot{x} -$ 1 = 4+12=16 = 1/1/2 = 2± 4 = 1/2= -1 $\begin{cases} \chi_1 + \chi_2 = -\frac{b}{a} = \lambda \\ \chi_1 + \chi_2 = -\frac{b}{a} = \lambda \end{cases} \rightarrow \begin{cases} \chi = c_1 e^{\frac{t}{a}} + c_2 e^{\frac{t}{a}} \end{cases}$ L'in prima conafec, -> 4y=x-x 7-4(x-x)=+302.e+-01e-02e+) J=tn[-2010+2020*1]

(x(t)=010+0200*1) And Coura Coural :

[*(0) = C1 + E = 0 / ...

| y(0) = = = = (1 + = (2 = 0 / ...) Tyet = - fait + Ecrest ナんにし こにしてきにきる => - (1+(2 = + (1) = (2 1(4) = + f(-e-+ + e. +)