Mukeuw6 208 1336. Bap 17. WI Mureran nosacy uso unowreen Genera he word 3 cert mercylle avmelias a gumuneau Hu run, nognoigalusal nog dementos montinantes + 4 g= ( c/3 x2 + c/2 x1 + c/2 x1 + c/3 x2 + b x + b) = = (uz +bz)n + (az +bz)n + (u,+b+)n + (u, +bo) He mune 3 Generus. eun a moughenent une a. += (a. a3)23+(d. a2/22+(a.a,)na. a0 andu ne mme 3 Genune bre annonus bunsinens

Rysolepun, Alveliam un sin lagumenns unerm negaliamen. ze, + yez + ze, = 0 ndyrun ausluy yrabulma -2 n + 4 + 2 z = 0 - 7 n + 2 y + 8 z = 0 5 n + 3 y + 5 z = 0 1.C. anserra muce Tollero myselve pecular n=y=z=0 murus, lensiques le le C3 uneisno regulaciaca u oraqui duzuc.

Gewey knopyeener Henry f(n)=5n2+8n-7 6 ougue C, (n= n2 C2(n)=n e, (n) = 1 f(n) = 5. e, +8. ez -7e3 f(n)=(3) 32-74-3z-7t+6U=-64 2n-30y-9z-7++24 =-26 n - 5y + 9z - 36 + 9u = -64 3n - 5y - 6z - 66 + 6u = -48 2n - 5y - 3z - 36 + 9u = -60agralu migney a njubisque

L(v1) = 20, +03 L(v2)=0, +02; L(v3)=0,-12+203 zunumen 6 eusprugg no Garyun L= (211) - (01-1) 102) V= e 46 p(t) p-unvarien dep = 3. (e1) = 4e = 4e, (e1) = 4e = 4e, (e1) = 4e = 4e, 44 44 2 L(er) = 2e4+4e4+= 2e1+4e2 L(e3) = 2e46 + 4e46 = 2e2 + 4e3 L(e4) = 3e462 + 4e43= 3e3 + 4e4 marpuya pulua

L: R" -> R" 1-1-32-5 lypo 250 L(n/-0 ug 25020 (-1-32-5) (0-11-2) (10 1-1) -1-21-3) -> (-1-21-3) -> (0-11-2) (000) 11- - 13 + 24 n2=23-2x4 N3 = X3 1/ hpeymaconcus n, = 1 x, = 0 2) pregnamus n, = 1 n, = 0 ny = 1 Torque (1, -2, 01) ringla Suzuca orpagyres kyro.

L(y) = (D-31) (D+21) L(y) = (D-31)(D+21)y = = (D-31)(y+2y) = y-y-6y. $y' - 6y' + 25y = e^{2n}(17n+15) y(0)=0$  y'' = 0Dugle peuleure uners was neignourous youlness peller anyelle rensions peller How ynulucu a orgero peun dyniquesion graham cios no relien wished Hurgen dyel pewer ognoprogram gjillalene. y"-64 +25y=0 Humen sup- and ypalulance 1 -61+2520 - Moure 20 we ovryce - morrague nevyroyuro. byyou unest en

y(n)=em((n+D), noursului b unvigue ynulneral 4e 2 ((n+0)+46e2-6(2e2/(n+0)+6e2)+ + 25 e (CN+O) = e (17n+15) => => 17(cn+0)-2c=17n+15=7 => 17 (n + (170-24)= 17n+15. 05rgy (=0=1. Turan organ rusinel plue palone y(n)=e2 n(n+1). Sums odryel plulen nevymono ymbra uncer by y(n)= Ac'e cos 4n + Be' sin 4n+ + e<sup>2</sup>n(n+1) rown har in nowner Aus.

y"+4y'-4y=e"(3a95n+(-n2-3n+2)5in3n) Peccene sun ypubren pubro cyme receive peculias " odique pentin ognym gulun (Tor me celvis russone. Hariger odryce pleasure g"+4y +4y =0 σδιερε pluseu ypulneu λ2+4/\ +4 = 0 yo(n)=[1+13n]e<sup>-2n</sup> λ12=-2 11,2 = -2 ye AB-nownel. Has you reigno penence usynopyrowo. Tensus planeau Min youl. copul win ty - + . - + . - to pull cyune ceasen peulin yjulin civis me celori zucho Notherway oyyer when orineo rustre plus ynabolación 4"+49 +44 = 3e 22 com (7)

42 - 4e - 1 (Cass n + Osinn) - 40 1- Csinn + + Dasn ) +e 1-(wsz - Osinn)= = 3e 12 (6 cosn+ Dsinn)-4e 1-6 sinn+lann) Noyrsalm le byradium 11/. - e 2n ( C cos 21 + D sin n) = ) e 2n cos n Oskyrga newygly 250 C=-3 D=0 3ncerui: 4,(n)=-3e con. lurre peuleure ypulnem (2) 42(n)=e-24(q2n2+d2n+d0)w)n+ + (bn + b1n + b0/ sin 3n) nogradiel by melned a nyugachen Korgayulun non nogoven y war newyer 750

y2(n)=e-27 ((22 n+9) cos32+(gn2+57 -3) Onomune lowe pener  $y(n) = y_0(n) + y_1(n) + y_2(n) = -2x(1)$   $= e^{-2x}(A+Bn) - 3e^{-2x}(2n) + e^{-2x}(1)$   $= e^{-2x}(A+Bn) - 3e^{-2x}(2n) + e^{-2x}(2n)$   $= e^{-2x}(A+Bn) - 3e^{-2x}(2n) + e^{-2x}(2n)$   $= e^{-2x}(A+Bn) - 3e^{-2x}(2n) + e^{-2x}(2n)$   $= e^{-2x}(A+Bn) - e^{-2x}(2n) + e^{-2x}(2n)$   $= e^{-2x}(A+Bn) - e^{-2x}(a)$   $= e^{-2x}(A+Bn) - e^{-2x}(a)$ 

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