INDERIG JICHUL UNPINIU NOEU BLI a(x)y'' + b(x)y' + c(x)y = g(x): $(a(x) \neq 0)$ molom mB $L = a_2(X)D^2 + a_1(X)D + a_0(X)$: musch wholk & snow 20 108 31/11 B L 124 3V LEARER 6, 914C: 16 - 177 (Ly=0) g(X)=0 PK MICHID NKM) NICHONN אסא א הפתמונת של אאטואה פפתצאנית ויפורית הואטנית עם אסא 90 MUNG UNINE S. BINC, 29 (X), Y 1-(X) S. COMING AND, 32 a mondin a made sa macin; y(x) = C1 y1 (x) + C2 y2(x) $\alpha(x)y'' + b(x)y' + c(x)y = 0$ mbon ion signing about the box (10 0: (X) K Wa outh of walder food outh of Mikest = (8 of 42(x) = f'(x)y, (x) + f(x) y, (x) : mulks msd 13m ns of (f", f, f, y", y', y so of anglor and an end of the ps a(x) f"(x) y, (x) + a(x) 2 f (x) y'(x) + b(x) f'(x) y, (x) + a(x) f(x) y"(x) + $b(x) f(x) y_1(x) + c(x) f(x) y_1(x) = 0$ f" (an) " (x) + 6(x) y (x) + (x) y (x) (: fx) fren Jun 100 1030 prop mon nk TO BE THE MUSICA MUNICAMUNICAMA SET MISTO, GETU! $a(x) f'(x) y_1(x) + 2 a(x) f'(x) y_1(x) + b(x) f'(x) y_1(x) = 0$ CIENT NOING MORE DE COCE (DI) BY) BY SE AN MELLE PORTE. TOWN IS 1000 13N . 4. (X = X3 ID) . 4" - \$ y' - \$ y' - \$ y y = 0 : DUD $y_2 = fy_1 = fx^3 \rightarrow y_2' = f'x^3 + f3x^2 \rightarrow y_2'' = f'x^3 + 2f'3x^2 + f6x$ $x^3f'' + 6x^2f' + 6xf - \frac{5}{x}(x^3f' + 3fx^2) + \frac{9}{x^2}x^3f = 0$ $X_3f_1 - X_5f_1 = 0 \Rightarrow Xf_1 - f_1 = 0 \Rightarrow (f_1 = 0) \Rightarrow (f_1 = 0)$ $X9^1 + 9 = 0 \Rightarrow X = -9 \Rightarrow \int \frac{d9}{9} = -\int \frac{dx}{x} \Rightarrow \ln|9| = -\ln|x| + C$

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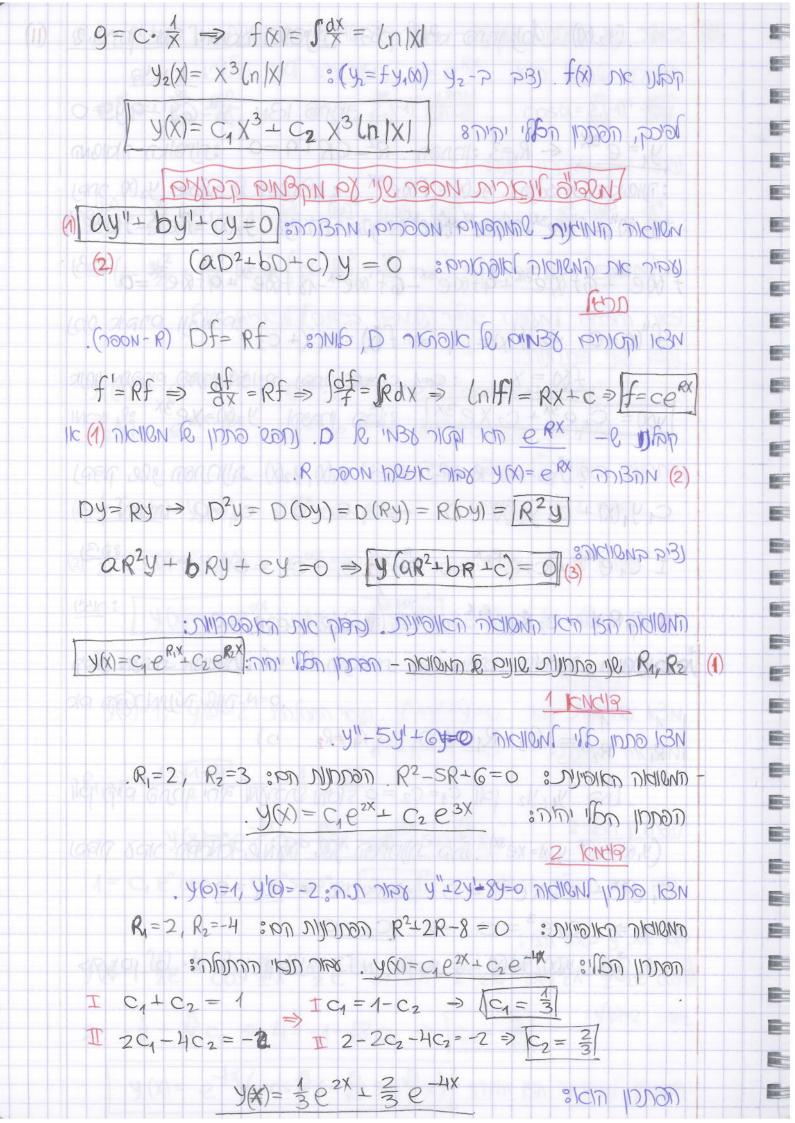
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(1) 13 event sure monder content over 1000 or (11) 1000 13N Y"-641494 =0 $y_1 = e^{3X} \leftarrow R_1 = 3 : |00000 . R^2 - 6R + 9 = 0 : 011101 km ablum$: DILKON MOSCH : $y_2(x) = f(x)e^{3x}$: MBDILON (2 NOSCHO) $y_2(x)'' = f''(x)e^{3x} + 2f(x)3e^{3x} + f(x)3e^{3x}$ f"(x) e3x + 6f(x) e3x + 9f(x) e3x - 6f(x) e3x - 18 f(x) e3x + 9f(x) e3x = 0 878) $f''(x)=0 \Rightarrow f'(x)=c_1 \Rightarrow f'(x)=c_1 x+c_2$ sobright order obj JUL MEDA QUUI NOILA (QUU 0-25 15): X = X + Ty(x) = C, e3x + C2 X e3x. 8 460 100001 42(x)=Xe3x 82 110N1 2 CAD RX # RZ DEKO Y/W (Y2K) ANNOND YEE MAD) C1 y1(x) + C2 y2(x) = 0 -> C1=0, C2=0 :nistril 7:3 I C, e RIX + C2 e R2X = 0 = IC, + C2 = 0 I C1R1 X + C2R2 C R2X =0 =0 (I C1R1 + C2R2 =0 : 7150 GAU NOTER NOIDING. TO BY AUDICIA SAIR NOTOR GIVINDER, ANDRICA AN 2) A CEST MILLION SILV N-0. $\begin{pmatrix} 1 & 1 \\ R_1 & R_2 \end{pmatrix} = R_2 - R_1 \neq 0 \quad (R_1 \neq R_2 \quad 5)$ ic dia eval we mean val col col col col sin love old log (A'X)=63x A'M=X63X) " US UNLULU LUGAU JAS DASI $C_1 e^{3X} + C_2 X e^{3X} = 0 \Rightarrow X = 0 \Rightarrow C_1 = 0$ $(C_2)^3 = 0 \Rightarrow (C_2)^3 = 0$ 26 Cal la X (10) Act dell E.J.N (NON 8: (826, 10) X (2)

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