$$N = e^{\int \rho(x) dx}$$

$$26,$$
  $y'-374=0$   $Y(0)=3$ 

$$\frac{\partial \mathbf{p}(\lambda, y)}{\partial y} = \frac{\partial \mathbf{p}(\lambda, y)}{\partial x}$$

완전이를 방경신 캔전

22224

$$\frac{\partial U}{\partial y} = x^4 y + \frac{\partial h}{\partial y}$$

11.

$$3M = dM$$

$$C_{1}7e^{37} = \frac{24}{3}e^{37} + (2(42-45))$$

$$7 = \frac{2}{3} + \frac{L_2}{L_1} e^{-3x}$$

28.

$$(x^{2}+2x+1)e^{2x}=0$$
  
 $0=\sqrt{2^{2}-4}=0$   $=0$   $=0$ 

$$\eta^2 + 2\lambda + 1 = 0$$

TETTERREPRESENTATIONS

$$7 = 7h + 7p$$

$$27'' + 47'' + 27' + 27'' = x^{2} + x + 1$$

$$27''' + 47'' + 27'' = x^{2} + x + 1$$

$$27''' + 47'' + 27'' = 0$$

$$7''' + 27'' + 7'' = 0$$

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2.29, 
$$+4(24)1492)+2(2(1)^{2}+32)1493=27411$$
 $29(1)^{2}+(80,1+29)12+491+492+493=27411$ 
 $29(1)=1$ 
 $29(1)=\frac{1}{2}$ 
 $29(1)=$ 

$$\begin{array}{l}
27p'' + 47p' + 27p = e^{3n} \\
7p'' = 8e^{4n} \quad (A = 66) (B = 46) \\
7p'' = 8A e^{4n} \\
7p'' = 8A^{2} e^{4n} \\
28A^{2} e^{4n} + 488e^{4n} + 28e^{4n} \\
28A^{2} e^{4n} + 488e^{4n} + 28e^{4n} \\
28 (A^{2} + 2A + 1) e^{4n} = e^{3n} \\
28 (A^{2} + 2A + 1) = 1 \\
28 (3 + 1)^{2} = 1 \\
28 = \frac{1}{16} \\
9 = \frac{1}{32} e^{3n} \\
7p = \frac{1}{32} e^{3n} \\
7 = (1e^{-n} + 1, 2e^{-n} + \frac{1}{32} e^{3n})
\end{array}$$

32.

$$7'' + 47' + 3 = 0$$
 $7 = ce^{\lambda x} 2 + 5c\pi$ 
 $(\lambda^2 + 4\lambda + 3) e^{\lambda x} = 0$ 
 $\lambda^2 + 4\lambda + 3 = 0$ 
 $(\lambda + 4\lambda + 3) = 0$ 
 $(\lambda + 3) (\lambda + 1) = 0$ 
 $\lambda = -3$ ,  $-1$ 
 $\lambda = -3$ ,  $-1$ 
 $\lambda = -3$ ,  $-1$ 

33 7" + 47'+57=0

$$\lambda^{2}+4\lambda+5=0$$

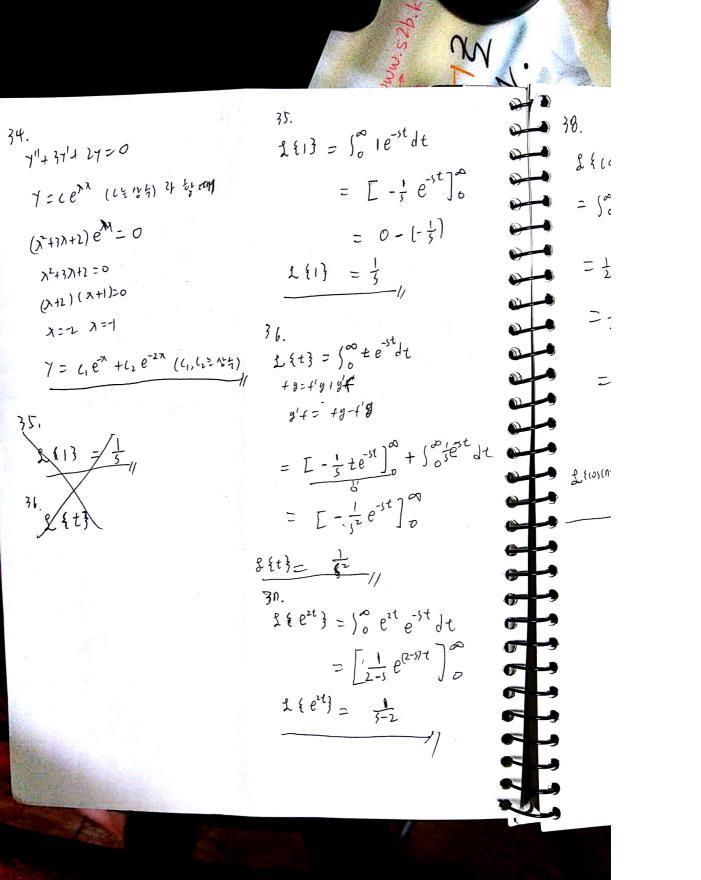
$$\lambda^{2}=-2\pm\sqrt{2-5}$$

$$7 = c_{1}e^{-2\lambda t} + c_{2}e^{-2\lambda t} - 3\lambda t$$

$$7 = c_{3}e^{-2\lambda t} + c_{4}e^{-2\lambda t} \sin 3\lambda t \cos 4x^{2} + c_{4}e^{-2\lambda t} \cos 4x^{2} +$$

Scanned by CamScanner



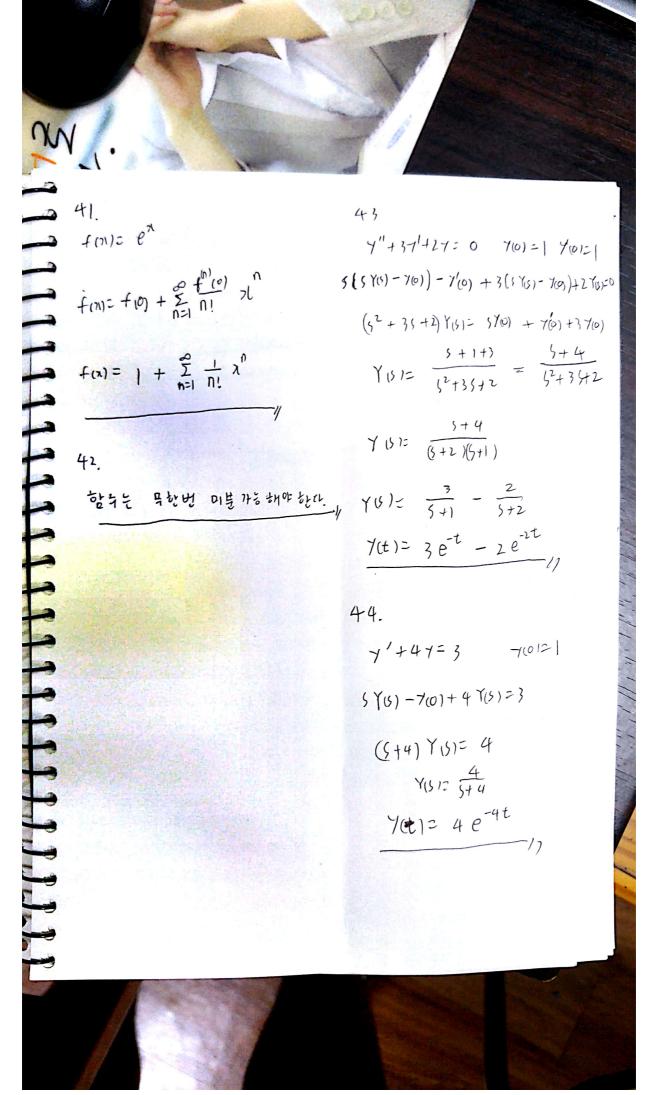


$$\begin{cases} \{(os(nt))\} = \int_{0}^{\infty} (o)(nt) e^{-st} dt \\
= \int_{0}^{\infty} \frac{e^{nxt} + e^{-nxt}}{2} e^{-st} dt \\
= \frac{1}{2} \int_{0}^{\infty} e^{(nx-s)t} dt + \frac{1}{2} \int_{0}^{\infty} e^{(nx-s)t} dt \\
= \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} + \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} \\
= \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} + \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} \\
= \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} + \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} \\
= \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty} + \frac{1}{2} \left[ \frac{1}{n^{x-s}} e^{(nx-s)t} \right]_{0}^{\infty}$$

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$$\frac{\int_{0}^{2+4} \int_{0}^{\infty} \sin(2t)e^{-5t}dt}{\int_{0}^{2} \left(\sin(2t)e^{-5t}dt\right)} = \frac{2}{\int_{0}^{2}}$$

$$\int_{-\infty}^{\infty} \frac{1}{5 \ln(2t)^{\frac{3}{2}}} = \frac{2}{5^{2}+4}$$

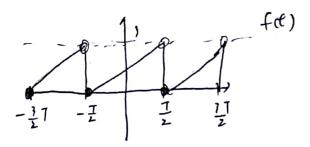


$$24f(t)^{3} = e^{-35} \cdot 9 \cdot \frac{5}{5^{2}+3}$$

$$F(5) = 9e^{-35} \cdot \frac{5}{5^{2}+3}$$

$$f(t) = 9c^{-35} \cdot (3(t-3))$$

$$f(t) = 9c^{-35} \cdot (3(t-3))$$



$$f(t) = \frac{1}{T} \left( t - \frac{2nT}{2} T \right) \left( \frac{2nT}{2} + \sqrt{\frac{2nT}{2}} \right) \quad n \in \mathcal{N}_{\tau}$$

$$f(\lambda) = a + \sum_{n=1}^{\infty} a_n (0) \left(\frac{2n\pi}{T}\lambda\right) + b_h Sin\left(\frac{2n\pi}{T}\lambda\right)$$

$$\begin{array}{c} U & \sqrt{2mn} t \\ + \frac{1}{2nn} \cos(\frac{2mn}{T}t) \\ -\frac{1}{2nn} \cos(\frac{2mn}{T}t) \\ -\frac{1}{(2nn)} \sin(\frac{2nn}{T}t) \end{array}$$

$$b_{\eta} = \frac{1}{T_{1}} \frac{1}{2n\pi} t(0) \left(\frac{2n\pi}{T}t\right) + \frac{T^{2}}{4n^{2}\pi^{2}} \sin\left(\frac{2n\pi}{T}t\right)\right]_{-\frac{T}{L}}^{\frac{T}{L}} + \frac{1}{T_{1}} \frac{1}{2n\pi} (0) \left(\frac{2n\pi}{T}t\right)_{\frac{T}{L}}^{\frac{T}{L}}$$

$$= \frac{1}{T_{1}} \left[\frac{1}{2n\pi} \frac{1}{L} (0) (n\pi) - \frac{1}{2n\pi} \frac{1}{L} (0) (n\pi)\right]$$

$$= \frac{1}{T_{2}} \frac{1}{4n\pi} \left(\frac{1}{2n\pi} (0) (n\pi)\right)$$

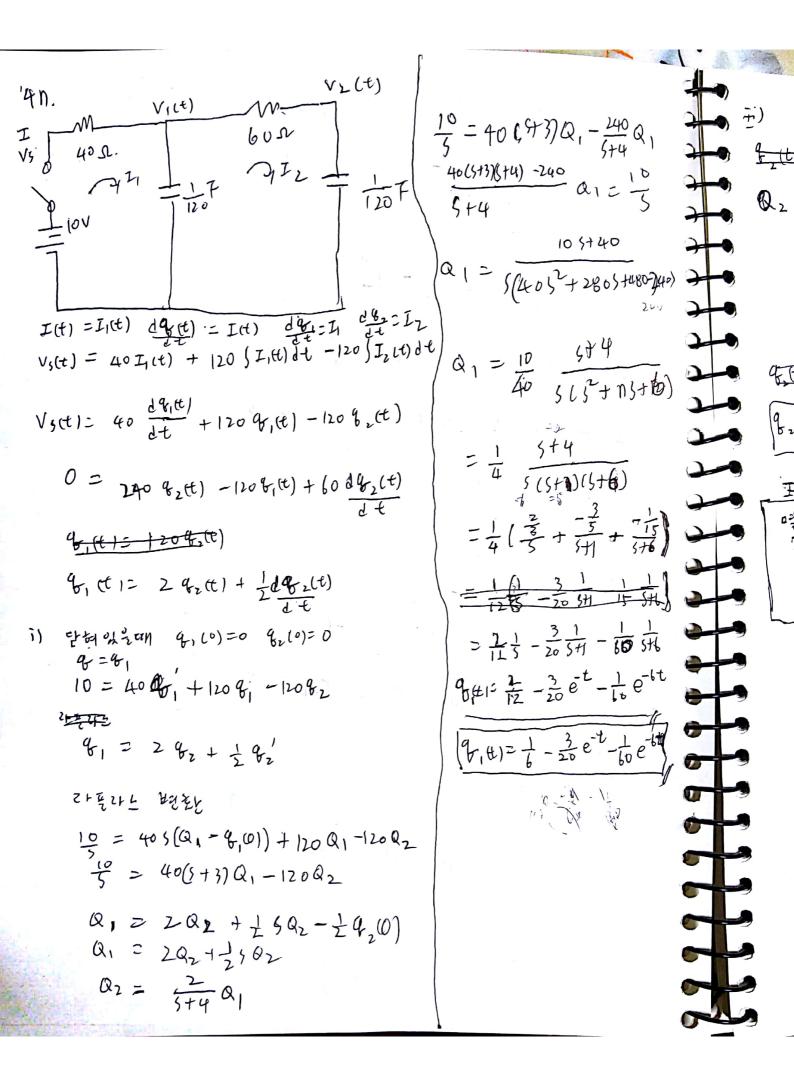
$$b_{\eta} = \frac{1}{T_{2}} \frac{1}{L_{1}} \frac{1}{L_{1}} \left(\frac{1}{2n\pi} (0) (n\pi)\right) = \frac{-(-1)^{\eta}}{2n\pi}$$

$$a_{\eta} = \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{1}} t(0) \left(\frac{2n\pi}{T}t\right) dt + \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{1}} \frac{1}{L_{2}} \cos\left(\frac{2n\pi}{T}t\right) dt$$

$$= \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{1}} t(0) \left(\frac{2n\pi}{T}t\right) dt + \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{2}} \frac{1}{L_{2}} \frac{1}{L_{2}} \left(\frac{2n\pi}{T}t\right) dt$$

$$= \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{2}} t(0) \left(\frac{2n\pi}{T}t\right) dt$$

$$= \frac{1}{T_{2}} \int_{-\frac{T}{L}}^{\frac{T}{L}} \frac{1}{L_{2}} \frac{1}$$

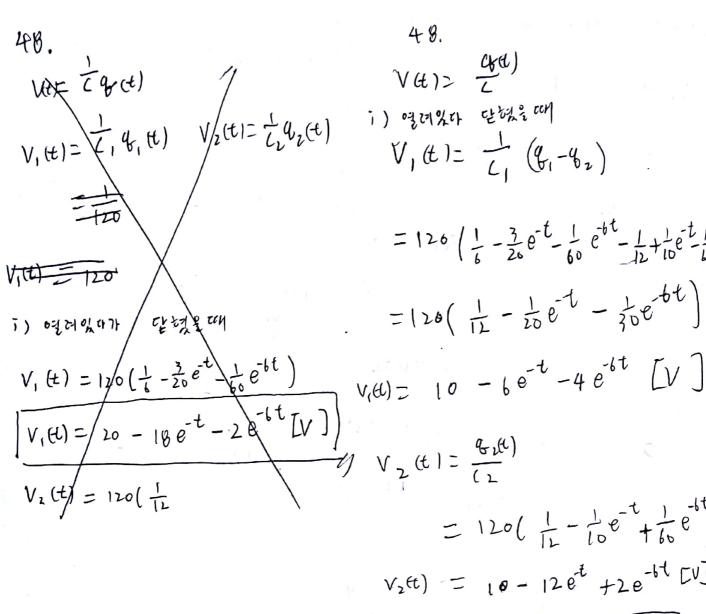


$$\frac{2}{2} = \frac{2}{34} \cdot \frac{4}{42} \cdot \frac{4}{5} \cdot \frac{$$

4,11 = 3 e-t + 1 e-64

999999999

$$Q_{2} = \frac{3}{20} \frac{2}{(4+1)(5/4)} + \frac{1}{5+4} + \frac{1}{120} \frac{1}{(5/4)} + \frac{1}$$



7i) 
$$\frac{1}{2}$$
  $\frac{1}{4}$   $\frac{1}{3}$   $\frac{1}{4}$   $\frac{1}{4}$ 

$$\frac{1}{2\pi} \int_{-\frac{\pi}{2}}^{\pi} \frac{1}{4\pi} \int_{-\frac{$$