7. MI 2004

F. 200

$$E^{-2} = \frac{1}{2} \times 2^{-2} C_{TX} dx$$
 $E^{-1} = \frac{1}{2} \times 2^{-2} C_{TX} dx$
 $E^{-1} = \frac{1}{2} \times 2^{-2} C_{TX} dx$

$$\begin{bmatrix} 7 - 5^2 \\ (6 + 5^2)^2 \end{bmatrix} = -25(7 \times 5^2)^{\frac{1}{2}} - (7 - 5^2) \cdot 2(9 \times 5^2) \cdot 25 \\ (7 + 5^2)^{\frac{1}{2}} - (7 + 5^2)^{\frac{1}{2}} - (7 + 5^2) \cdot 25 \\ = -25(5^2 - 3) - 25(5^2$$

$$= \underbrace{25 \left(\left(5^2 - 3 \right)}_{\left(5^2 - 1 \right)} \underbrace{\left(\frac{2}{7} - 2 \right)}_{\left(\frac{2}{7} - 2 \right)} = \underbrace{2 \cdot 2}_{\left(\frac{2}{7} - 3 \right)} = \underbrace{27}_{\left(\frac{2}{7} - 3 \right)}$$

$$\frac{F\left(\frac{9}{2}\right) = \frac{2 \cdot 9}{2 \cdot \left(\frac{9}{7} - \frac{9}{7}\right)} = \frac{\frac{92}{7}}{\left(\frac{9}{7} + \frac{9}{7}\right)^{3}} = \frac{1}{\left(\frac{9}{7}\right)^{3}} = \frac{1}$$

$$\frac{\left(\frac{2}{5} + \frac{1}{7}\right)^3}{\left(\frac{2}{5}\right)^3}$$

$$F\left(\frac{4}{2}\right) = -\frac{196}{725}$$

$$\frac{(4)^{27}}{(2)^{27}} = \frac{1}{2} =$$

= ABene (e e - 1)

$$= \frac{a \cdot b}{a \cdot c} \left[\begin{array}{c} a \cdot c \\ \end{array} \right] \left[\begin{array}{c} a$$

A+C=0

52 2 5242

i(t)= 28(t) + tu(t) - 3 sint u(4)

$$F(5) = \frac{6}{(5+7)} + e^{-2(5+7)}$$



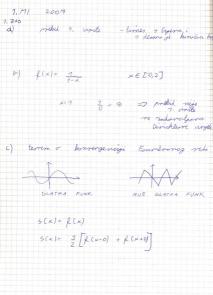


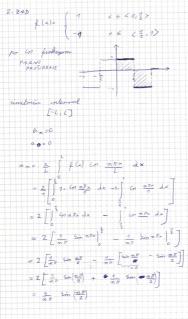




$$\begin{cases} \frac{249}{5} & \frac{1}{5} &$$

5- (5-1)(5-1)(5-1) = A B + (5+D) (5-1)





$$=\frac{4}{(2k+1)T} \quad \text{Sin} \quad \left(\frac{2kT}{2} + \frac{B}{2}\right)$$

$$= \frac{4}{(2k+1)T} \quad \text{Sin} \quad \left(kT + \frac{B}{2}\right)$$

$$= \frac{4}{(2k+1)T} \quad \text{Cys} \quad \left(kT\right)$$

$$\frac{1}{(2k+1)T} \xrightarrow{\text{des}} \left(\frac{kT}{2} + \frac{\pi}{2}\right)$$

$$= \frac{1}{(2k+1)T} \xrightarrow{\text{des}} \left(\frac{kT}{2} + \frac{\pi}{2}\right)$$

$$= \frac{1}{(2k+1)T} \xrightarrow{\text{des}} \left(\frac{kT}{2}\right)$$

Exercisely 2 individuals,
$$\frac{2}{2} \cos^{2} + \sum_{n=1}^{9} (a_{n})^{2} + \sum_{n=1}^{2} (b_{n})^{2} = \frac{2}{T} \int_{0}^{1} |f(x)|^{2} dx$$

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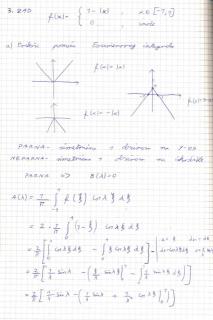
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e) zmourny 2 1/(2n-1)2



$$= \frac{2}{\pi} \left[\frac{2}{\lambda} \frac{\sin \lambda - \frac{2}{\lambda} \sin \lambda}{\lambda} - \left(\frac{7}{\lambda^2} \sin \lambda - \frac{2}{\lambda^2} \right) \right]$$

$$= \frac{2}{\pi} \left[\left(1 - \cos \lambda \right) \right]$$

$$\downarrow(x) = \begin{cases} 0 & 2 \\ 0 & 7\lambda \end{cases} \left(1 - \cos \lambda \right) \cos \lambda x d\lambda$$

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$$\downarrow(x) = \begin{cases} 0 & 3 \\ 0 & 7\lambda \end{cases} \left(1 - \cos \lambda \right) \cos \lambda x d\lambda$$

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$$\downarrow(x) = \begin{cases} 0 & 3 \\ 0 & 7\lambda \end{cases} \left(1 - \cos \lambda \right) \cos$$

2.
$$\frac{1}{2}$$
 for $\frac{1}{2}$ fo

$$= \frac{2}{H} \int_{0}^{\pi} \int_{1}^{\pi} \sin nx \, dx - \frac{2}{H} \cdot \frac{2}{2} \int_{0}^{\pi} \int_{0}^{\pi} \sin nx \, dx$$

$$= -\frac{2}{2m} \left[\cos nx \right]_{0}^{\pi} - \frac{1}{H} \left[\frac{\pi}{n} \left(\cos nx \right)_{0}^{\pi} - \frac{2}{n} \int_{0}^{\pi} \cos nx \, dx \right]$$

$$= -\frac{2}{2m} \left[\cos nx \right]_{0}^{\pi} - \frac{1}{H} \left[\frac{\pi}{n} \left(\cos nx \right)_{0}^{\pi} - \frac{2}{n} \int_{0}^{\pi} \sin nx \, dx \right]_{0}^{\pi} \right]$$

$$= \frac{1}{2m} \left[2 \cdot \left(\cos nx \right)_{0}^{\pi} + \frac{2}{n} \left(\sin nx \right)_{0}^{\pi} + \frac{2}{n} \sin nx \, dx \right]_{0}^{\pi} \right]$$

$$= \frac{1}{2m} \left[2 \cdot \left(\cos nx \right)_{0}^{\pi} + \frac{2}{n} \left(\sin nx \right)_{0}^{\pi} + \frac{2}{n} \sin nx \, dx \right]_{0}^{\pi}$$

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$$= \frac{1}{2m} \left[2 \cdot \left(\cos nx \right)_{0}^{\pi} + \frac{2}{n} \left(\sin nx \right)_{0}^{\pi} + \frac{2}{n} \sin nx \, dx \right]_{0}^{\pi} + \frac{2}{n} \left[2 \cdot \left(\cos nx \right)_{0}^{\pi} + \frac{2}{n} \left(\cos nx \right)_{0}^{\pi} + \frac{$$

lun = 2 / (I - x) (in nox dx u- i due it

In nemme 0

= 2 + 1 GINT $=\frac{2}{2n}\left(1+\frac{2n}{2n}\right)=\frac{2}{2n}\left(1+\frac{2n}{2n}\right)$

$$m = 2 \frac{h}{2k}$$

$$\frac{d}{dt} = \frac{d}{2k}$$

$$\frac{d}{dt} (x) = \sum_{k=0}^{10} \frac{d}{2k} - \sin \frac{2kR_0}{dt}$$

$$S(x)=f(x)$$
 and body is furthern NEPRENDING

 $S(x)=2\left[f(x-0)+f(x-0)\right]$ body if furthern probability is took x

funkcija se u tota 377 prekimto (mora re 5(37) = 2 [+ (37) + + (37)]

$$= \frac{1}{2} \left[\frac{1}{4} - \frac{3}{2} \right]$$

$$=\frac{1}{2}\left[\frac{T}{4}-\frac{3T}{2}+\frac{T}{4}-\frac{3T}{2}\right]$$

$$=\frac{2}{2}\left[\frac{T}{2}-3T\right]=\frac{T}{4}-\frac{3T}{2}-\frac{T}{4}-\frac{6T}{2}-\frac{5T}{4}$$