

Eine - in a wise fla) !  $f(\alpha) = a_{12} + \sum_{h=1}^{\infty} a_{n} C_{n} n w_{0} \alpha + b_{n} S n w_{0} \alpha$ · Clivilis bn, an es &  $f(x) = \lim_{n \to \infty} \left[ a_n + \sum_{n \to \infty} \left[ a_n G_n w_n + b_n \delta w_n w_n x \right] \right]$ flu = lu (7 fls) ds + \( \frac{7}{7} \) fls) Cs n w, Sdu (5 n w, x+ \frac{7}{7} \) fls) Snin w, sds (5 n w)

T + \( \sigma \) \( -\tau\_1 \) \( \tau\_2 \) \( \tau\_3 \) \( \tau\_4 \) \( \tau\_5 \) \( \tau\_  $\Delta W = W_0 = (N+1)W_0 - NW_0 = \frac{2\pi}{T} \Rightarrow \Delta W = \frac{2\pi}{T}$  $\frac{1}{2}$ winds — Swiers  $f(x) = \int_{T} \int_{0}^{\infty} \left[ C_{5} wx \int_{-\infty}^{\infty} f(s) C_{5} ws ds + Sin wx \int_{\infty}^{\infty} f(s) Snws ds \right] d\omega$   $f(x) = \int_{T} \int_{0}^{\infty} \left[ C_{5} wx \int_{-\infty}^{\infty} f(s) C_{5} ws ds + Sin wx \int_{\infty}^{\infty} f(s) Snws ds \right] d\omega$   $f(x) = \int_{T} \int_{0}^{\infty} \left[ C_{5} wx \int_{-\infty}^{\infty} f(s) C_{5} ws ds + Sin wx \int_{\infty}^{\infty} f(s) Snws ds \right] d\omega$ 

ALWI = S flsi Cswsds) (Blw) = S flsi Sniwsds). 21, visillabin \$ flut = I J Alwi Cown + B(w) Sin wx dw Cussiffly orgading integén, an all s'interior BIW A(W) cute Lose of the series of the series of the property of the series of the se Aby codini the libration of the bold of the land of the side of the later of ( wish, tigger in the time)

Alw 1= I fla 1 Cowada = Jaco (ese) (es) da= o B(w)= f(z) Sinwada= 2 f(n) Sinwada  $B(\omega) = 2 \int_{\infty}^{\infty} \frac{1}{\sqrt{2}} \int_{\infty}^{\infty} \frac{1 - C_{2}(\omega x)}{\sqrt{2}} = -\frac{1}{\sqrt{2}} \int_{\infty}^{\infty} \frac{1 - C_{2}(\omega x)}{\sqrt{2}} = -\frac{1}{\sqrt{2}$ : el of the John fin) et sous i f(x) = 1 B(w) Snwn dw = [1-GW] Smwxdw)

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 $B(w) = \int_{-\infty}^{\infty} f(u) \sin w u dx = \int_{-\infty}^{\infty} (2i) (6i) dx = 0$ + fix) A[w]= J&m Cowner = 2 Jfln) Cowner = 2 Jix Cowner = 2 Sin w fal= /1 Shw Cowndw = 2 / Sin w Cowndw) Stal Tight ترج می - در ار را کاندی اید) د مندار چندها لذل مرک مذر نونی از می ایم می ایدار کرد نیراد لار ایدار ایدار کردند.
می در مددار جامعه ی مینی ایما کی دارش کردند. ربرد اسل فرب نیز مختی دهرای د عد بالای ایرال ی بعد ال کند شی می از می بادری در اسی برند و اسی برند f(x) = 2 / Sinw ) Cowndw or flut + fine of ridhillier curring ble 12 represented flx1= { 22 ; |2|<a> |2| Alw 1=  $\int_{a}^{\infty} \int_{a}^{\infty} \int_{a}^{$ ei fin - BLW) = v

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 $f(n) = \sum_{n=-\infty}^{+\infty} c_n e$   $c_{n} = \int_{-\pi}^{+\infty} f(x) e^{-x} e^{-x} e^{-x} e^{-x} e^{-x} e^{-x} e^{-x$  $f(n)=dn\sum_{-\omega} \left(\frac{1}{T}\int_{-T/2}^{T/2} -jn\omega_{s}S\right) + jn\omega_{s}2 \qquad \qquad \begin{cases} n\omega_{s}-n\omega_{s}\\ +\omega_{s}-n\omega_{s}\\ +\omega_{s}-n\omega_{s}\\ -\omega_{s}-n\omega_{s} \end{cases}$ flet = I fose de en Novembre d'une fait FlW

fltl (  $\frac{\partial v_{in}}{\partial v_{in}}$ ) =  $\int \frac{f(v)}{f(v)} = \int \frac{dv}{f(v)} = \int \frac{dv$ JW L'E NOW and in the fett= e mt) ( 1 m - 1 6 60 fit1 = e wit1 Fix  $I = \int_{a}^{b} \int_{a}^$ 

- Alw word is sie in your = in white - flo (vigu) - dus jour le jour

f(t) = St f(t)1 July - Y dés 21/2/200 de 16/2/200 A osi en niegni - yedis ftt = { 1 , 1t1 < 1/2  $F(w) = \int_{-1/2}^{1/2} |x| e^{-\frac{1}{2}wt} dt = \frac{1}{jw} e^{-\frac{1}{2}wt} \left( \frac{e^{-\frac{1}{2}wt}}{2} - \frac{1}{2}wt \right) = \frac{1}{2} \frac{1}{$ 

 $f(t) = e^{k(t)}$ - viet in -40 co  $F(w) = \int_{-\infty}^{\infty} f t t e dt = \int_{-\infty}^{\infty} \frac{kt}{e} - jwt dt + \int_{0}^{\infty} e e dt + \int_{0}^{\infty} e e dt = \frac{2k}{k^{2} + w^{2}}$ Just Just and the my box is actived and flt) of the fitter of the state of the season Lives -1 dissovier = flt/= mt) rivori-dolla FIW)= 2 15 -1 den 95 - flet= { 1 , t < 0

The first transfer of the second seco -3(t-2) -3(t-2)U - fb) - 1081.t-3) 20 - flt1 = te utt

·wholfer= = x un) 13- 12/0 EN 5 f(x)= e - 100° flur= { 1/2 Smin, 12) < tt widn - Misé · NOTEND FIND (IN QUE IN CONSTRUCTION ) (BLW), AIN) ) - FUE instruction introduction.