| | ctober 23, 2021 | 10:06 PM | DOMINIC | Riccoboni | | |
|----------|-----------------|----------------------|----------------|----------------------|---------------|-------------------|
| | | | | | | |
| FOU | IRIER | COEFF | ICIEN | υτS | | |
| | | | | | | |
| <u> </u> | = | Γ _α Sin (| TX) SM | $(\lambda_n \times)$ | dk | |
| <u> </u> | 0 | | | | | |
| | | | N CZn |) | | |
| | | | | | | |
| TRIG | IDEN | TITY: | | | | |
| Ş | ? (A) nić | sm(B) | $=\frac{1}{2}$ | COS(A-B) |) - cos (A | +B) |
| | | | | | | |
| | | | | | | |
| (" = | | _ | (Œ-2n) |)x)dx - | [COS ([+] | $(a_n) \times dx$ |
| | 2NC7n |) | | | 0 | _ |
| | | | - \ [(T | 2 2 2 1 | | |
| $C_n =$ | 211(20 | 1 (# - In | 5M((だ) | $-\lambda_n(x)$ | - <u> </u> [| om((=+ da) |
| | 210 (/ | 160 | | | ししずがり | |
| | | | | | | |
| • | 3m ((= | - 72) > | () = | = Sh (n | - 7nL) | |

$$= S \ln(\lambda_n L)$$

$$= S \ln(\lambda_n L)$$

$$= S \ln(\pi + \lambda_n L)$$

$$= S \ln(-\lambda_n L)$$

$$= -S \ln(\lambda_n L)$$

$$= -S \ln(\lambda_n$$

| Norm_ | | |
|---|--|--|
| TABLE 2-1 CASE 7 | | |
| $1/N(\lambda_n) = 2 \left[\frac{\lambda_n^2 + \left(\frac{h}{\kappa}\right)^2}{L(\lambda_n^2 + \frac{h^2}{\kappa^2}) + \frac{h}{\kappa}} \right]$ | | |
| $\left[L \left(\lambda_n^2 + \frac{h^2}{\kappa^2} \right) + \frac{h}{\kappa} \right]$ | | |
| Bi = hh | | |
| I. P. | | |
| $\frac{A}{\kappa} = \frac{Bi}{L}$ | | |
| | | |
| $ > N(2n) = \left(\frac{L}{2}\right) \frac{\left(2n^2 + \left(\frac{Bi}{L}\right)^2\right) + \frac{Bi}{L}}{2n^2 + \left(\frac{Bi}{L}\right)^2} \left(\frac{L^2}{L^2}\right) $ | | |
| | | |
| $N(\lambda_n) = \left(\frac{L}{2}\right) \left[\frac{(\lambda_n L)^2 + Bi^2 + Bi}{(\lambda_n L)^2 + Bi^2}\right]$ | | |
| | | |
| | | |
| | | |
| | | |