

(2x+1) Cos(x11x) dx = - (2x cos(x10) dx + $= \left(\frac{2XSM(KTX)}{KTT} + \frac{2Cos(KTX)}{KTT} \right) \Big|_{0}^{1}$ $\frac{2 \cos(\kappa m)}{\kappa' \pi^2} - \frac{2}{\kappa' \pi^2} = \frac{2(-1)^{\kappa'}}{\kappa' \pi^2} - \frac{2}{\kappa' \pi^2}$ (-4) = 4 King / K molle 3 CIK = 8 KOSE $\Rightarrow f(x) = \frac{8}{\pi^2} \sum_{K^2} \frac{\cos(\kappa \pi x)}{K^2} / k \text{ odd}$