25.2

Neinsert the Known values here; Pp·(1+sin(2111))
(11-1)/(211) Where of conver one are assuming PE[0,1] since fo(P) returns hon-zero values only in that range. (c): We integrated our updated PDF: $\frac{\rho \cdot (1 + sin (2\pi P))}{(\pi - 0)(2\pi)} d\rho = \frac{2\pi}{\pi - 1} \left(\frac{1}{\rho^2 + \rho^2 sin(2\pi P)} \right)$ $=\frac{271}{77-1}\left(\frac{1}{3}+\left(\frac{-17}{277}+\frac{1}{277}\left(\left[\frac{\rho}{277}+\sin\left(277\rho\right)\right]\right)-\left[\frac{1}{3}\sin\left(277\rho\right)\right]\right)$ +[(052TIP)] · · 1/2T) $\frac{1}{3}$ + $\left(\frac{-11}{2\pi} + \frac{1}{2\pi} \begin{pmatrix} 0 \end{pmatrix} \right)$ Which mer to that we made a mistake. Mistake found, first boundark term