Announcement for the 4th Edition of the ACTEX Manual for Exam ASTAM

(Last updated 04/22/2025) sorted by page

Page 378 **Solution of Question 13.** Change the second and third lines to:

$E[X \wedge 1] = 1 \times \frac{1}{2} + 1 \times \frac{1}{2} = 1$. $E[S^{(A)}] = E[N] \times E[X \wedge 1] = 1$.

$E[(X \wedge 1)^2] = 1^2 \times \frac{1}{2} + 1^2 \times \frac{1}{2} = 1$. $Var[S^{(A)}] = E[N] \times E[(X \wedge 1)^2] = 1$.

Page 387 **Section 22.2. Fourth line.**

Change $\frac{k}{2}$ to k.

Page 698 **Solution to Question 79. Third line.**

Change "$10c$" to "$1 - c$".

Page 708 **Fourth line from the bottom.**

Change $\widehat{Var}[X] = \frac{1}{n-1} \times \sum_{i=1}^{n} (X_i - \hat{X})^2$ to $\widehat{Var}[X] = \frac{1}{n-1} \times \sum_{i=1}^{n} (X_i - \bar{X})^2$.

Page 729 **Fourth line from the bottom.**

It should read:

$$\frac{450(0^2)+30(1^2)+10(2^2)+5(3^2)+5(4^2)}{499} - \frac{500}{499}(.17)^2 = .362.$$