Errata Corrige for the book by S. Milton and J. Arnold entitled "Intro- duction to probability and statistics"

p.9 Def 1.2.3
Events $A_1, A_2, A_3, \ldots$ are mutually exclusive if and only if $A_i \cap A_j = \emptyset$ for $i \neq j$ (and not $A_i \cup A_j = \emptyset$)

p. 35 ex. 2.4.1
The example is inconsistent as $P(E) \neq P(E|A)P(A) + P(E|A')P(A')$. As the example is meant to illustrate the use of Bayes theorem, a possible way to solve the error is to disregard the information that $P[E] = 0.4$. Then, the computations can be performed as the book suggest, with the answer they arrive at.
p. 387 second line
They say denote the random variables β_0, β_1, when in fact they use the notation B_0, B_1.

p. 387 second blue box
In point 2. the mean of Y_i should be $\beta_0 + \beta_1 x_i$.