## Errata: Logic, Sets, and Recursion, Second Edition Updated on: 6/13/06. Robert L. Causey

## The first printing requires all of the following corrections.

p. 24. The second formula needs an additional ')' and should be  $(B \leftrightarrow \neg (K \land \neg A))$ 

p. 59. In E 1-22  $(A \lor B \leftrightarrow R)$  should be  $((A \lor B) \leftrightarrow R)$ .

p. 59. In E 1-23 #3, write the third  $\mathcal{SC}$  sentence as:  $(A \to C) \lor E$ .

p. 141. In ln. 7 fb.  $\{2, 6\}$  and  $\{4, 6\}$  should be:  $\{2, 6\}$  and  $\{4, 6\}$ .

p. 155. In ln. 11, 'x < x' should be 'x < y'.

p. 246. In the 3<sup>rd</sup> ln. of E 3-2,  $r: Nat \rightarrow Re^+$  should be  $r: Nat \rightarrow Re^+$ , i.e., close up the extra space between Re and +.

p. 270. In part 3 of E 3-13, 2.44 should be 2-44.

## The second printing requires the following corrections, but not the previous corrections.

p. 206, ln. 3. In place of "A, B, and f are the same as in the previous question, except that the graph is changed to Figure 2.19.", write: Now let  $A = B = \{a, b, c\}$ , and change the graph of f to Figure 2.19."

p. 258. In ln. 12, (k+l)(i+1) should be (k+1)(i+1).