Errata 3

Page 86, top Replace "$\subseteq$" by "$\subset$" in 3 places.

Page 87, top Replace "$\subseteq$" by "$\subset$" in 3 places.

Page 91, condition (1) Replace this by the following:

(1) Suppose that $(A, <)$ is a partial ordering, $(B, \prec)$ is a simple ordering, $B \subseteq A$, and $\prec$ is a subset of $<$. Then there is a simple ordering $(C, \ll)$ such that $B \subseteq C \subseteq A$, $\prec$ is a subset of $\ll$ and $\ll$ is a subset of $<$, and $(C, \ll)$ is maximal in the sense that if $(D, \sqsubset)$ is a simple ordering such that $C \subseteq D \subseteq A$ and $\ll$ is a subset of $\sqsubset$ and $\sqsubset$ is a subset of $<$, then $C = D$ and $\ll$ is the same as $\sqsubset$.

Page 91, hint for exercise 9 "Show that for any set A there is a choice function for $\mathscr{P}(A)\backslash\{\emptyset\}$, as follows...