ERRATA FOR TOPOLOGY, SECOND EDITION
(second and subsequent printings)

xii; 13 of connectedness and compactness in Chapter 3.
107; 2 \( f : [0,1] \to S^1 \)
note added: The wording is confusing. Try this: Let \( X \) and \( X' \) be
spaces having the same underlying set; let their topologies be...
118; Exercise 9, line 2 \( \mathcal{J} \neq \emptyset \).
143; 1 composite \( g \) is
151; 2* \((a_1, \ldots, a_N, 0, 0, \ldots)\)
187; 4* Let \( A \subseteq X \).
203; 12 \( b < a \). Neither \( U \) nor \( V \) contains \( a_0 \).
205; 9* if and only if \( X \) is \( T_1 \) and for every...
224; 13 open in \( X_i \) for each \( i \).
235; 13* Show that if \( X \) is Hausdorff,
237; 8 Assume \( \mathcal{A} \) is a covering of \( X \) by basis elements such that
251; 7 \( \leq 1/n \)
261; 7 Replace "paracompact" by "metrizable."
262; 8 \((x, \mathcal{E}_i)\)
263; 1* Throughout, we assume §28.
266; 8* \( \rho \) is a metric;
356; 7 Find a ball centered at the origin...
417; 11 element of \( P(W) \),
421; 8 length (at least 3), then
425; 10* \( G_1 \ast G_2 \)
445; 10 *2.
466; 4 \( = \omega_0[y_1][y_2]b \ldots \)
481; 1 with \( k \cdot h(e_0) = e_0 \).
488; 4 \( F = p^{-1}(b_0) \).
488; 11 of the subset
503; 14* either empty or a one- or two-point set!