ERRATA FOR TOPOLOGY, SECOND EDITION

(second and subsequent printings)

xii; 13 of connectedness and compactness in Chapter 3.

107; 2 $f : [0,1) \longrightarrow S^1$

111; 15 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 $J \neq \emptyset$.

143; 1 composite g is

151; 2* $(a_1,\ldots,a_N,0,0,\ldots)$

187; 4* Let $A \subset X$.

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* $\bar{\rho}$ 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* $G_1 * G_2$

445; 10 *2.

466; 4 $= w_0[y_1]a[y_2]b\ldots$

481; 1 with $k \circ h(e_0) = e_0$.

488; 4 $F = p^{-1}(b_0)$.

488; 11 of the subset

503; 14* either empty or a one- or two-point set!