Errata for Topology, 2nd edition

xii, 13 of connectedness and compactness in Chapter 3.

107; 2 f maps (0,1) into S super 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 is not empty.

143; 1 composite g is ...

151; 2* (a sub 1, ..., a sub N, 0, 0, ...)

187; 4* Let A be a subset of X.

203; 12 b < a. Neither U nor V contains a sub 0.

203; 15 ... U and V not containing a sub 0, but containing

205; 9* if and only if X is T sub 1 and for every...

224; 13 open in X sub i for each i.

235; 13* Show that if X is Hausdorff

237; 8 Assume script A is a covering of X by basis elements such that

251; 7 less than or equal to 1/n

261; 7 replace "paracompact" by "metrizable".

262; 8 (x, epsilon sub i)

263; 1* Throughout, we assume Section 28.

266; 8* rho super bar 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 sub 1) * (G sub 2)

445; 10 Exercise 2 should be starred.

466; 4 = (w sub 0)[y sub 1] a [y sub 2] b ...

481; 1 with k(h(e sub 0)) = e sub 0.

488; 4 F = p inverse (b sub 0).

488; 11 of the subset
either empty or a one- or two- point set!