
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* ρ 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

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