List of corrections to
Supplementary Lecture Notes for Topology II
Base v1.8 of 3rd February, 2009

Here is a list of corrections in the notes giving the changes since v1.8 of 3rd February, 2009, distributed at the beginning of the course.

- Page 7, line 8: ‘inf \( \mathcal{U}(f) \leq \sup \mathcal{L}(f) + \varepsilon \)’ changed to ‘inf \( \mathcal{U}(f) < \sup \mathcal{L}(f) + \varepsilon \)’.
- Page 7, line 2: ‘\( \frac{-\varepsilon}{b-a} \sum_{j=1}^{n} (x_j - x_{j-1}) = \varepsilon \)’ changed to ‘\( \frac{-\varepsilon}{b-a} \sum_{j=1}^{n} (x_j - x_{j-1}) = \varepsilon \)’.
- Page 9, line -3: ‘\( F(x_{j-1}) - F(x_j) = f(\xi_j)(x_j - x_{j-1}) \)’ changed to ‘\( F(x_j) - F(x_{j-1}) = f(\xi_j)(x_j - x_{j-1}) \)’.
- Page 13, line 5: ‘If sequence \( (v^{(j)} = \sum_{k=1}^{n} a_k^{(j)} e_k) \)’ changed to ‘If a sequence \( (v^{(j)} = \sum_{k=1}^{n} a_k^{(j)} e_k) \)’.
- Page 25, line -7: ‘complete topology’ changed to ‘complete metric’.
- Page 28, line 1: ‘a compact’ changed to ‘a compact’.
- Page 28, line 9: ‘\( \|f - f^\varepsilon\| \leq \varepsilon \)’ changed to ‘\( \|f - f^\varepsilon\|_\infty \leq \varepsilon \)’.
- Page 29, line 14: ‘\( \|f - f\varepsilon\|_\infty < \varepsilon \)’ changed to ‘\( \|f - f\varepsilon\|_\infty \leq \varepsilon \)’.
- Page 30, line -6: ‘\( \sum_{k=0}^{n} \)’ changed to ‘\( \sum_{k=0}^{n} \)’.
- Page 30, line -3: ‘multiplying by \( t(t - t) \)’ changed to ‘multiplying by \( t(1 - t) \)’.
- Page 31, line 2: ‘of \( f \) is’ changed to ‘of \( F \) is’.
- Page 31, lines 10, 11, 16 and -1: ‘\( N \)’ changed to ‘\( n \)’.
- Page 31, line 6: ‘\( \sum_{k=0}^{n} H_k(t) \leq \)’ changed to ‘\( \sum_{k=0}^{n} H_k(t) < \)’.
- Page 31, line -1: ‘\( n > M\varepsilon/(4\delta^2) \)’ changed to ‘\( n > M/(\varepsilon\delta^2) \)’.
- Page 36, line 14: after ‘(i) \( A \subseteq U_r \subseteq \overline{U}_r \subseteq X \setminus B \)’ added ‘for each \( r < 1 \)’.
- Page 36, line 16: ‘at level \( n = 1 \)’ changed to ‘at level \( n = 0 \)’.
- Page 36, line 17: ‘at some level \( n \geq 1 \)’ changed to ‘at some level \( n \geq 0 \)’.

Version: 1.9.
Last revised: 18th March 2009.