Errata of Topics on Continua

Page 16, line 11: change "$\mathcal{G}$ y G" to "$\mathcal{G}$ and G".
Page 23, **1.3.5 Theorem**: change "M" to "X".
Page 24, line 13: change "two closed subsets" to "two disjoint closed subsets".
Page 34, line 8: change "$*$" to "$\cdot$".
Page 35, line 14: change "$\xi_j \in \mathbb{R}^n$" to '$\xi_j \in \mathbb{R}$".
Page 46, line 15: change "X is a continuum" to "$X/\mathcal{G}$ is a continuum".
Page 66, Reference [1]: change "*Homotopical View*" to "*Homotopical Viewpoint*".
Page 70, line 9: change "then *inverse limit*" to "then the *inverse limit*".
Page 89, line -6: change "$x, y \in X_j$, *then*" to "$x, y \in X_j$ *such that* $d(f_n^j(x), f_n^j(y)) > \delta$, *then*".
Page 91, line -12: change "by given" to "be given".
Page 100, line 1: change"$\zeta(v, c) = v$" to "$\zeta((v, c)) = v$".
Page 109, line -3: change "for every $j < k$" to "for any $j < k$".
Page 117, line -4: change "$i, j \in \{1, n\}$" to "$i, j \in \{0, n\}$".
Page 134, **2.6.24 Corollary**: change "*Let X be a separable metric space*" to "*Let X be a compactum*".
Page 162, line -2: remove "closed".
Page 185, line -6: change "$\mathcal{T}(L) = \mathcal{T}(W)$" to "$\mathcal{T}(L) = W$".
Page 205, line 10: change "ψ_{g_0} y φ_{g_0}" to "ψ_{g_0} and φ_{g_0}".
Page 209, line 5: change "properties of action of" to "properties of an action of".
Page 209, line -3: change "If G is topological" to "If G is a topological".
Page 212, line 8: change "$V \cdot V^{-1}$" to "$V^{-1} \cdot V$".
Page 221, line 11: change "$\mathcal{T}$ is idempotent on homogeneous continua." to "$\mathcal{T}$ is idempotent, restricted to closed sets, on homogeneous continua."
Page 221, change lines 14 and 15: to "**Proof.** Let A be a closed subset of X. If $A = \emptyset$, then $\mathcal{T}^2(A) = \mathcal{T}(A)$ by Corollary 3.1.14. Suppose $A \neq \emptyset$. Note that, by Remark 3.1.5, $\mathcal{T}(A) \subset \mathcal{T}^2(A)$."
Page 222, line 3: change "$\mathcal{T}$ is idempotent." to "$\mathcal{T}$ is idempotent restricted to closed sets."
Page 226, line -13: change "idempotent" to "idempotent on closed sets".
Page 235, lines 15, 17 and 19: change "$\mathcal{V}^d_{\frac{1}{n}}(x)$" to "$\mathcal{V}^d_{\frac{1}{n}}(B)$".
Page 237, lines 6, 11, and -7: change "$\mathcal{T}_X$ is idempotent" to "$\mathcal{T}_X$ is idempotent on closed sets".
Page 252, lines 17 and -9: change "Let X be a continuum" to "Let X be a homogeneous continuum".
Page 269, line 5: change "$(f^n)^{-1}(\mathbb{M})$" to "$(f^{n-1})^{-1}(\mathbb{M})$".
Page 276, line -16: change "point $\tilde{z}$ of point of" to "point $\tilde{z}$ of".
Page 281, line 6: change "$\mathcal{M}$" to "$\mathbb{M}$".
Page 290, line 5: change "Let $\eta = \min$" to "Let $\eta = \frac{1}{2}\min$".

Page 305, line 1: change "The proof of" to "The proofs of".
Page 308, change the statement of **6.5.12 Theorem.**: to "*Let n be an integer greater than one, and let X be an indecomposable continuum. If $\mathcal{A}$ is an arc component of $\mathcal{C}_n(X) \setminus \{X\}$, which is not of the form $\mathcal{C}_n(\kappa)$, where κ is a composant of X, then there exist finitely many composants $\kappa_1, \dots, \kappa_\ell$ of X and there exists a one–to–one map from*

$$\mathcal{R} = \bigcup \left\{ \prod_{j=1}^{\ell} \mathcal{C}_{r_j}(\kappa_j) \;\middle|\; \{r_1, \dots, r_\ell\} \in \mathcal{N} \right\} \subset \prod_{j=1}^{\ell} \mathcal{C}_{n-\ell+1}(\kappa_j)$$

(with the "max" metric ρ_1) onto $\mathcal{A}$, where

$$\mathcal{N} = \left\{ \{r_1, \dots, r_\ell\} \;\middle|\; 1 \leq r_1, \dots, r_\ell \leq n - \ell + 1 \text{ and } \sum_{j=1}^{\ell} r_j = n \right\}."$$

Page 309, remove lines 9 and 10.

Page 309, line 11: remove "Let us obseve that $\sum_{j=1}^{\ell} m_j = n$."

Page 309, lines 11, −2: change "$\prod_{j=1}^{\ell} \mathcal{C}_{m_j}(\kappa_j)$" to "$\mathcal{R}$".
Page 309, line 16: change "belong to $\mathcal{C}_{m_j}(\kappa_j)$. Since $\mathcal{C}_{m_j}(\kappa_j)$ is" to "belong to $\mathcal{C}_{r_j}(\kappa_j)$, where $\{r_1, \dots, r_\ell\} \in \mathcal{N}$. Since $\mathcal{C}_{r_j}(\kappa_j)$ is".
Page 309, line 17: change "$\mathcal{C}_{m_j}(\kappa_j)$" to "$\mathcal{C}_{r_j}(\kappa_j)$".
Page 309, change lines −6, −5, −4: to "Let $A \in \mathcal{A}$. For each $j \in \{1, \dots, \ell - 1\}$ let r_j be the number of components of A contained in κ_j. Let $r_\ell = n - \sum_{j=1}^{\ell-1} r_j$. Then $\sum_{j=1}^{\ell} r_j = n$. Hence, $\{r_1, \dots, r_\ell\} \in \mathcal{N}$, $(A \cap \kappa_1, \dots, A \cap \kappa_\ell) \in \prod_{j=1}^{\ell} \mathcal{C}_{r_j}(\kappa_j)$ and $f(A \cap \kappa_1, \dots, A \cap \kappa_\ell) = A$. Therefore, f is surjective."

Page 310, line 2: change "$\prod_{j=1}^{\ell} \mathcal{C}_{m_j}(\kappa_j)$" to "$\mathcal{R}$".