

# Topological spaces

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## Index of terms

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## INDEX OF TERMS

In the index, the page number refers to the definition; occasionally, this is followed by the corresponding subsection number. Terms consisting of several words are often listed under one only; e.g. "Lipschitz mapping" is found only under "mapping".

Recall that the terminology introduced for closure spaces and their mappings is usually applied to semi-uniform and proximity spaces and their mappings (as to the induced closure spaces and the transposed mappings), e.g. a uniform space is separated if the induced closure space is separated, a mapping of uniform spaces is continuous if the transposed mapping is continuous. Similarly, the terminology introduced for classes is applied to structs, e.g. a correspondence is single-valued if its graph is single-valued, and in the obvious way the terminology introduced for families is applied to collections, e.g.  $\mathcal{X}$  is locally finite if  $\{X \mid X \in \mathcal{X}\}$  is locally finite. Finally, the terminology introduced for closure or proximity or semi-uniform spaces is applied to closure or proximity or semi-uniform structures, respectively, and conversely; e.g. a closure operation is called connected if the corresponding closure space is connected, and a proximity space  $\langle P, p \rangle$  is said to be fine if  $p$  is fine. In such cases the index contains terms only in their primary context.

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