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variable network topology

Canonical name VariableNetworkTopology

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Synonym variable network topology

Related topic Supercategories3
Related topic CWComplex

Related topic HigherDimensionalAlgebraHDA

Related topic 2Category2

Related topic GroupoidCDynamicalSystem

Related topic VariableTopology8
Related topic VariableTopology

Defines sequence of different network topologies

Defines esp. connectivities

Definition 0.1. A variable network topology is defined by an indexed family or class of networks of one-dimensional CW-complexes $[CW_i]$ with $i \in I$ in the category **Top** of topological spaces with additional homology (or cohomology) axioms, rules, or properties of the underlying CW-complexes, that specify the transformation maps as a sequence of homotopoy maps.