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# TREE(Disambiguation)

### Information representation

- Tree structure or tree diagram, a way of representing a hierarchical nature of structure in a graphical form
- Decision tree, a tree model of decisions and their consequences
- Parse tree, used in linguistics to represent the syntax of sentences

#### Mathematics

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- Tree (descriptive set theory), a set of finite sequences of elements of X that is closed under subsequences, on a set X
- Tree (graph theory), a connected graph without cycles
- Tree (set theory), like a graph-theory tree, but with a distinguished root, and possibly having chains of transfinite length
- Tree diagram (probability theory), a tree-like representation of a probability space
- TREE, an extremely fast-growing function; see Kruskal's tree theorem

#### Computing

- Tree (automata theory)
- Tree (command), a recursive directory listing program that produces a depth indented listing of files
- Tree (data structure), a widely used computer data structure that emulates a tree structure with a set of linked nodes
- Tree network, a type of computer and communication network topology
- Digital tree, prefix tree or trie, a computer science ordered tree data structure.

#### ENGLISH WORDS OF OTHER LANGUAGE ORIGIN

suffix	source	example	derivatives
-phyto	greek		
-dendro	latin		
-arbor	middle english		
herb			

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