

Tree Structures and 3-Structures:
A Math & Computer Oriented Exploration of Syntactic Trees

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Isomorphisms between apparently unrelated systems can yield new insights. Topics covered include: an example of an isomorphism between an obscure set of equations for an abstract mathematical group and its simple and intuitive geometric interpretation; the trichotomy of comparison by a computer; the isomorphism between table entries and tree structure; the sorting tree; motivation for the terminal node constraint and the binary branching constraint; isomorphisms of the resultant structures to those found in Syntax; binary vs. ternary branching.