M-Network Hypothesis:

Any mathematical expression is equivalent to an M-Graph. Any natural language sentence can be expressed as a M-Network. M-Graphs are not order preserving that is, they are undirected graphs but use M-Operators to indicate order.

Proof by Induction:

Base Case:

Nodes n =1 , vacuously true

Inductive Case:

Given n nodes, each with an encoding as a Gödel number, Gx, the relationship must hold. That is, the relation should result in another Gödel number.

We can take that encoding as a number and map it to a part of the language: a word. For any word can be composed of a series of numbers. If there are an infinite number of Gödel numbers and any number can be used to represent a part of language, with an infinite number of numbers an infinite number of languages can be represented.

M-Network Operators (M-Ops)

