Mx-Senxtism Mathematics Fundamentals Journal Notes

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A set S-A of two objects { o1, o2 }

The summation of the value of each object in the set S-A.

the count of the value of each object in the set S-A.

The set of unuique colors of the color of each object in the set S-A.

The set of the set { color, count } of unique colors of the color of each object in the set S-A.

Let's say each object o in set S-A has a coordinate in 3-space.

The set { anObject, 3-space coordinat n } of each for each object in set S-A.

The set { aLine } of line-formulated among the set of coordinates in 3-space for each object in set S-A.

Let's call this the rudimentary geometry in 3-space of set S-A.

Let's assign a term to each point in the coordinates of each object in set S-A.

One can assign a term, concept, or sentence to each point in this 3-space.

Each object perhaps can have its coordinate edited and modified. This may depend on the term, or another variant or factor.

One can assign physical, material objects to these points in 3-space. This may be the anthropological, personal, historical, or philosophical representation, or other.

One can assign a statistic, table, graph, or other visual representation to each point in a 3-space.

One then might consider any of the books written by Edward Tufte, available anywhere, and on www.edwardtufte.com.

One can assign a physical function, process, state, object, and unfolding to each point in a 3-space.

One can put this in Wittgenstein logic space (Tractatus Logico-Philosophicus).

One can use various Geometric representations and logic and geometric space and function.

Applications

One can apply this to any set object that one determines, either from the external world or one's own mind or concept.

One can apply this to academic papers.

One can apply this to historical ideas, philosophies, and everyday experiential and thought and external-world fact.

One can apply this in anthropology, in political and state discourse and representation, to science, and to this very world as one lives it, perceives it, and understands-works in it.

One can apply this to anything in print, heard, or seen, or thought of.

One can sketch simple sets, combinatorial sets, unfolding sets, transformation sets, entire worlds of spinning, set-there, transforming, relational, sets.

One might consider infinity-categories by Lurie (2003 and ensuing).

This is from Jacob Lurie. https://kerodon.net/.

One might consider the textbook Foundations Of Geometry And The Non-Euclidean Plane by George E. Martin.

One might consider other geometry books, and Euclid's Elements: All Thirteen Books In One Volume (Green Lion Press).

One might consider the physics textbook Analytic Mechanics by Fowles, the Gradient, electronics, digital electronics, and object-oriented programming (Smalltalk, Java, Python, C++, C#, I think Swift, etc.).

One might consider the books and material, theories, diagrams, and descriptions, and their actual fact, of Marvin Minsky. The Society Of Mind, The Emotion Machine, Inventive Minds.

One might conser s[o], and Symbolic Logic.

Resources

With Category Theory, Mathematics Escapes From Equality

By Kevin Hartnett

Quanta Magazine

2019 October 10

https://www.quantamagazine.org/with-category-theory-mathematics-escapes-from-equality-20191010

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This is an example with what one can do on Linux (I used Oracle Linux), in the Text Editor app, straightforward text document editing that is, and Xwayland. One then prints to PDF, to localdisk. See your own operating system for similar.