the improbable yet elementary case

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a mathematical paradigmatic mashup: Thomas Kuhn Vs map-territory Vs ...?

prefer the simplest explanation [1]

consider all mathematics as pseudo-mathematics; a means for a novice mathematician to express ideas in less time and fewer words than a similarly novice writer might, in prose. all terms are tentative. corrections $\wedge\vee$ advice, welcome.

...

[1] which works

1 anomaly

($\not\mapsto$, $\underset{T}{\not\mapsto}$, $\underset{M}{\not\mapsto}$ *)*

unresolved, unresolvable, or insufficiently resolved, territory

1.1 anomaly, generally

($\not\mapsto$ *)*

Anomaly refers to all unnoticed, unrecognised, uninterpreted, undefined, unexplained, unrepresented, and unaccounted, universal phenomena.

Anomaly is all we cannot see: all negative-space, between and beyond the intangible structures, assertions, and definitions, of comprehension, intent, and agency.

1.2 anomalous territory

($\underset{Sp}{\not\mapsto}$, $\underset{Ph}{\not\mapsto}$, $\underset{Ch}{\not\mapsto}$ *)*

any territory for which there is no, or effectively-no, map

$$\underset{T}{\not\mapsto} : \ |M| \approx 0$$

Anomalous territory $\underset{T}{\not\mapsto}$, frames anomaly $\not\mapsto$, by territory T:

$$\underset{T}{\not\mapsto} : \underset{Sp}{\not\mapsto} , \underset{Ph}{\not\mapsto} , \underset{Ch}{\not\mapsto}$$

Further definitions:

$$\underset{T}{\not\mapsto} \approx \not\mapsto$$

$$|\underset{T}{\not\mapsto}| \approx 0$$

$$T \setminus \underset{T}{\not\mapsto} \approx T \ , \ \underset{T}{\not\mapsto}^{\complement} \approx T$$

$$|T \setminus \underset{T}{\not\mapsto}| \approx |T| \ , \ |\underset{T}{\not\mapsto}^{\complement}| \approx |T|$$

1.3 anomalous map

($\underset{Pa}{\not\mapsto}$, $\underset{Pr}{\not\mapsto}$, $\underset{M}{\not\mapsto}$ *)*

Anomalous map $\underset{M}{\not\mapsto}$, refers to any map M, which insufficiently resolves $r()$, territory T, to representational account M [2]:

$$|M| \not\approx |T|$$

Further definitions:

$$\underset{M}{\not\mapsto} \not\approx \not\mapsto$$

$$|\underset{M}{\not\mapsto}| \not\approx 0$$

[2] all ununified science is fundamentally anomalous

1.4 reconciling anomaly

($\not\mapsto \setminus \not\mapsto$ *)*

a map is a representational account of territory; however, not all maps resolve territory equally well

$$M \mapsto T \ , \ M \not\equiv T \ , \ M \not\approx T$$

Specifically, where two paradigms Pa, attempt to resolve $r()$ approximately the same phenomenal scope Sp_1, each paradigm may interpret and represent differently [3]:

$$Pa_1(T_1) \to Pa_1 \ , \ Pa_2(T_1) \to Pa_2$$

$$Pa_1 \not\approx Pa_2$$

$$|Pa_1| \not\approx |Pa_2|$$

$$Pa_1 \cap Pa_2 \approx \varnothing$$

$$Pa_1 \neq Pa_2$$

1.5 resolving anomaly

($r(\not\mapsto)$ *)*

prose removed for revision; though primarily a segue to map territory fit/ delta

□

[3] note that T_1 does not change in this example, there is a difference between both maps, and both maps and territory. this difference might be framed using a variety or distinct mathematical forms: set theory (as here); category theory; graph theory; geometry, geometric tessellation, and tiling; etc