

Clark wrote :

"There are many problems with this (exactly where to place the laws of physics for example). . . ." (073114-1)

I wonder if the MPM category theory would be helpful here. According to this theory, the laws of physics can be viewed as the (mathematical) models of reality that are determined by phenomenon in such a manner that they are indirectly constrained/determined by reality (or natural mechanisms):

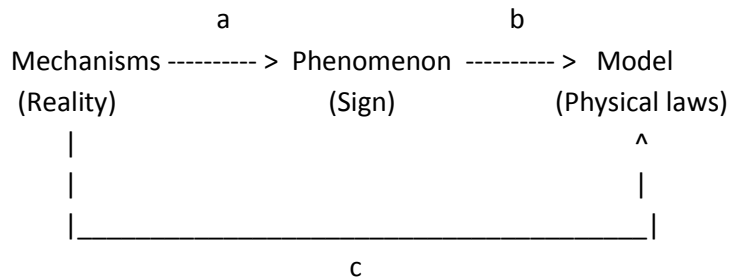


Figure 1. The MPM category, also called the ur-category, as a theory of everything (TOE). A = natural process; b = mental construction; c = experimental validation.

If I am right in saying that nominalism is a dyadic (in contrast to a triadic) perspective emphasizing Step b and lacking Step c, then I must not be a nominalist but rather a “constructive realist” since I believe that

“Science is the result of the irreducibly triadic interactions among Steps a (natural process), b (mental construction) and c (experimental validation).” (073114-2)

With all the best.

Sung

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