Value Determination

FORMWELT is a coding language for language and meaning. It is a semantically and formally self-sufficient linguistic system, it is Turing complete (which doesn't mean too much, most coding languages are).

You can express any coding language with FORMWELT, create artificial and artistic languages, translate it into any natural language (verbal or icon-based) and you can use it as a coding language for AIs thus helping them to communicate, to understand and to learn to program themselves.
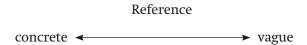
Put an intelligent mind behind FORMWELT, AI or Human, and you have a semantic engine.

It is possible to design a linear Algorithm, a function you may call "objective". But you need FORMWELT. Without it you have no distinct reference to compare to.

Imagine your Algorithm analyzing texts and concepts 3-dimensional in order to determine the value of the text or concept for Humans, for Science, for other AIs on the basis of quantity and quality of the used references, explications or characterizations and to distinguish texts/concepts according to the knowledge of the user. With FORMWELT you will have the tool you are looking for – an autonomous reference-system – to evaluate the density of meaning.
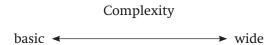
The first two dimensions are general

1. Dimension:

Reference

concrete ⟵――――――――――⟶ vague

The Algorithm analyzes the texts or concepts: How many referenced words/symbols/signs/characters are in it? The less there are the more vague the text/concept is.

2. Dimension:
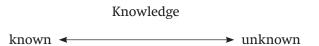
Complexity

basic ⟵――――――――――⟶ wide

The Algorithm analyzes the texts or concepts: How wide or basic is the reference and reference structure, the density of meaning? The lesser the density the less basic the text/concept is.

The third dimension is personal

3. Dimension:

<div align="center">

Knowledge

known ⟷ unknown

</div>

Does the user know the text/concept? Has he/she already seen/written it? How often has he/she seen/written it?

Further differentiation is possible:

<div align="center">

topic, actuality...

</div>

User-Question → Resulting in:
reply + suggested course of reading/exploring/analyzing

Based on the screening of the texts/concepts one can distinguish good texts/concepts and terms/symbols from those with lesser quality and find out which terms have to be referenced with FORMWELT in order to densify the meaning.

The dimension "Complexity" delivers which texts/concepts are more basic than others so we have a sort key for students – for example – to determine what should be learned first.