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FORMAL SCIENCES

- Formal science is a branch of science studying disciplines concerned with abstract structures described by formal systems
- formal systems
 - [Formal language](#)
 - [Formal semantics](#)
- In mathematical logic, a formal theory is a set of sentences expressed in a formal [language](#).

An interpretation is [an](#) assignment of meaning to the symbols of a formal [language](#). Many formal languages used in mathematics, logic, and theoretical computer science are defined in solely syntactic terms, and as [such do](#) not have any meaning until they are given some interpretation. The general study of interpretations of formal languages is called formal semantics.

FORMAL SHAPES STUDY

- [Theory of forms](#)
 - Study of shapes , geometry or designs
 - microshapes , nano shapes
 - shapes , forms , loops , frames
 - shadows , silhouettes

ABSTRACT MORPHOLOGY

- Morphology (linguistics), the study of the structure and content of word forms
- Mathematical morphology, a theoretical model based on lattice theory, used for digital image processing

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