

thr.1 Introduction

mvl:thr:int:
sec If we just add one more value \mathbb{U} to \mathbb{T} and \mathbb{F} , we get a three-valued logic. Even though there is only one more truth value, the possibilities for defining the truth-functions for \neg , \wedge , \vee , and \rightarrow are quite numerous. Then a logic might use any combination of these truth functions, and you also have a choice of making only \mathbb{T} designated, or both \mathbb{T} and \mathbb{U} .

We present here a selection of the most well-known three-valued logics, their motivations, and some of their properties.

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Bibliography