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A SHORT NOTE ON THE PHENOMENOLOGY
OF UNCERTAINTY AND THE BABELE PROBLEM

Abstract

In this paper we try underline the relevance of the discussion for an adequate classification useful to furnish a sufficiently general notion of *uncertainty*. The examples employed are from physics but it would not be difficult to give examples of various kind of uncertainty in Biology, Medicine, Psychology, Cognitive Sciences, Economy, Computer Science, etc.

Now the problems posed by various kinds of uncertainty are frequently faced recurring to *non standard logics*, e.g. quantum logic, many-valued logic, paraconsistent logic, non monotonic logic, linear logic, fuzzy logic, etc.

We maintain the necessity to classify – from a logical point of view – various kinds of uncertainty and look for adequate *translation – functions* – correlated to the same metalanguage – between different logical structures *suggested* by different kinds of uncertainty. Otherwise the risk is fall into a dramatic problem of languages confusion: *the Babel problem*.