

D2.3 - AML Complete Foundations

This deliverable consists initially in the submission of a manuscript of AML Foundations to a journal. We have found more suitable the submission of three manuscripts.

In the manuscript Finite Atomized Semilattices, we extend finite semilattices to atomized semilattices by adding additional elements (atoms). We give the full crossing operator to include new information into the model and define redundant atoms. In the manuscript Semantic Embeddings in Semilattices, we define semantic embeddings into semilattices and introduce four different kinds of embeddings, and show how to use atomized semilattices to characterize them. In Infinite Atomized semilattices, we extend atomized semilattices to the infinite case. In this report, we give an explanation of the main results of these submitted manuscripts.