Abstract
We extend Parikh’s relevance-sensitive model for belief revision by defining a new model for belief representation and local belief revision called C-structure Model. This model allows to make local revision when Parikh’s model fails to do it: the case of “fully overlapping theories”. Using Grove’s system of spheres construction, we consider additional constraints to define an ordering between interpretations, and show that these constraints allow to formalize perfectly the local revision by the mean of C-structure model, thus providing a well defined semantics for revision by C-structures.

Key-words: C-structure model, Grove’s systems of spheres, Belief revision.