Connection between Linear logic and Rough logic

Jayanta Sen

Linear logic and rough logic are generated from different approaches. Apparently there are no similarities between these two. But if we consider algebras corresponding to these logics, we can observe that algebra (distributive CL-algebra) for the first one can be transformed into tqBa5, which is an algebra for the second. Here we shall present this result. Also the reflection of this result in logic will be presented.