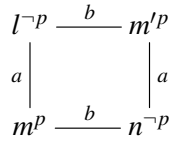
Public Announcement Logic with Distributed Knowledge

Corrections and improvements

March 25, 2018

The model $\mathfrak{M}$ in the proof of Theorem 1 is not what we want. We need a model which is bisimilar to $\mathfrak{N}$, so as to be indistinguishable from $\mathfrak{N}$. We can change $\mathfrak{M}$ to be the following:



Many of such problems are fixed in the journal version [1].

References

[1] Yì N. Wáng and Thomas Ågotnes. Public announcement logic with distributed knowledge: Expressivity, completeness and complexity. Synthese, 190(1 suppl.):135–162, 2013.