研究室名	上出哲広研究室　論文発表

題名	Completeness of subtrilattice logic
掲載雑誌	Proceedings of the 50th IEEE International Symposium on Multiple-Valued Logic (ISMVL 2020), pp.279-284, IEEE Press, 2020.
著者	Norihiro Kamide
概要	In this study, a new trilattice logic called subtrilattice logic (STL) is introduced in the form of a monosequent calculus, which is based on a restricted sequent that contains exactly one formula in both the antecedent and the succedent. Further, the completeness (with respect to the lattice-valued semantics), cut-elimination, decidability, and Craig interpolation theorems for STL are proved using an embedding-based technique.