研究室名	上出研究室　論文発表

発表時期	2019年5月
題名	Finite model property for modal ideal paraconsistent four-valued logic
掲載雑誌	Proceedings of the 49th IEEE International Symposium on Multiple-Valued Logic (ISMVL 2019), pp. 120-125, IEEE Press, 2019.
著者	Norihiro Kamide, Yoni Zohar
概要	A modal extension M4CC of Arieli, Avron, and Zamansky's ideal paraconsistent four-valued logic 4CC is introduced as a Gentzen-type sequent calculus. The completeness theorem with respect to a Kripke semantics for M4CC is proved. The finite model property for M4CC is shown by modifying the completeness proof. The decidability of M4CC is obtained as a corollary.