研究室名	上出哲広研究室　論文発表

題名	Cut-elimination, completeness, and Craig interpolation theorems for Gurevich's extended first-order intuitionistic logic with strong negation
掲載雑誌	Journal of Applied Logics 8 (5), pp. 1101-1122, College Publications, 2021.
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概要	Gurevich's extended first-order intuitionistic logic with strong negation (GI) is defined as a new Gentzen-type sequent calculus. The logic GI is also known to be an extension of Nelson's first-order constructive three-valued logic N3 by adding intuitionistic negation. The cut-elimination, completeness, and Craig interpolation theorems for GI are proved using some theorems for embedding GI into first-order intuitionistic logic.