

	Embedding from multilattice logic into classical logic and vice versa
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	This article presents some theorems for syntactic and semantic embeddings of a Gentzen-type sequent calculus $ML_n$ for multilattice logic into a Gentzen-type sequent calculus $LK$ for classical logic and vice versa. These embedding theorems are used to prove cut-elimination, decidability and completeness theorems for $ML_n$ , as well as a modified Craig interpolation theorem. Some of these results are then extended to the first-order system $FML_n$ with implications and co-implications.