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有限可补格上的格值逻辑的特征

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摘要 本文给出了有限可补格上的格值逻辑的特征,即如果 \mathcal{L} 是一个强于 \mathcal{L}_1 的正则逻辑系统并且 \mathcal{L} 有紧致性和LS性质,则 $\mathcal{L} \sim \mathcal{L}_1$.

关键词 [强特征公式](#) [正则逻辑系统](#) [紧致性](#)

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A Characterization of First Order Lattice-Valued Logic with the Lattice Being Finite Complemented and Having a Strong Character Formula

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Abstract This paper gives a characterization of first order lattice-valued logic with the lattice being finite, inverse and having a strong character formula, that is, if \mathcal{L} is a regular logical system stronger than \mathcal{L}_1 and \mathcal{L} has compactness property and LS property, then $\mathcal{L} \sim \mathcal{L}_1$.

Key words [strong character formula](#) [regular logical system](#) [compactness property](#)

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