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sole sufficient operator

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Owner	Jon Awbrey (15246)
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A **sole sufficient operator** or a **sole sufficient connective** is an operator that is sufficient by itself to define all of the operators in a specified set of operators.

In logical contexts this refers to a logical operator that suffices to define all of the Boolean-valued functions, $f : X \rightarrow \mathbb{B}$, where X is an arbitrary set and where \mathbb{B} is a generic 2-element set, typically $\mathbb{B} = \{0, 1\} = \{\text{false}, \text{true}\}$, in particular, to define all of the finitary Boolean functions, $f : \mathbb{B}^k \rightarrow \mathbb{B}$.