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pseudodifference

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Entry type	Definition
Classification	msc 06B99
Synonym	pseudo difference
Related topic	Pseudocomplement
Related topic	DifferenceOfLatticeElements

An element z of lattice L is *pseudodifference* of y and x ($y \setminus x$) if z is the least element such that $y \leq x \cup z$.

Pseudodifference is denoted either as \setminus or as $-$. Sometimes *pseudodifference* is denoted as \setminus^* .

The definition is borrowed from <http://www.hindawi.com/Getpdf.aspx?doi=10.1155/S01611> online article.