

MPL's Operand_list Operator

Definition 1 Let u be a *mathematical expression*. The MPL operator $Operand_list(u)$ returns the operands of a compound expression in a list. If u is not a compound expression, the operator returns the global symbol **Undefined**. When u is a list, the operator returns u .

For example,

$$Operand_list(a + b + c) \rightarrow [a, b, c].$$

Most computer algebra systems have an operator that are similar to the $Operand_list$ operator:

MPL	Maple	Mathematica	MuPAD
$Operand_list(u)$	$[op(u)]$	$Apply[List, u]$	$[op(u)]$

(Implementation: [Maple](#) (mws), [Mathematica](#) (nb), [MuPAD](#) (mnb).)

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