SQRS

SQRS returns the square root of an unbounded numeric expression for physical quantities that have a direction, so greater, less than or equal to zero

Syntax

SQRS(NumExpr)

Arguments

- NumExprs unbounded, so greater, less than or equal to zero.

Remarks

1. SQRS is important for physical quantities that have a direction (expressed by a + or - sign) and that are used quadratic in expressions.
2. **Please note that SQRS is not the same as SQRT():**

SQRS(x) is equivalent to SGN(x)*SQRT(ABS(x))

Examples

SQRS(16)

returns

4

SQRS(-16)

returns

-4

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