OMEGA ACADEMY, NUMERICAL METHODS COURSE.

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Numerical Methods

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EVALUATOR OF ALGEBRAIC EXPRESSIONS.

Evaluate expressions of all kinds including trigonometric and inverse trigonometric according to the given context.

To evaluate a function should enter the equation in the indicated bar.

There are a number of specific commands that are recognized by the software, which are used in developing this type of equations.

- SENO: SIN()
- COSENO: COS()
- TANGENT: TAN()
- SQUARE ROOT: SQR()
- CUBE ROOT: RCB()
- EXPONENTIAL: EXP()
- ARCSENO: ARCSIN()
- ARCOSENO: ARC COS()
- ARCOTANGENT: ARCTAN()
- LOGARITHM: LN()
- LOGARITHM: LG()
- APROXIMATION: CEI()
- ABSOLUTE VALUE: ABS()

Sin, cos, tangent, square root, cube root, exponential, arc sin, arc cos, arc tang, logarithm (Ln), logarithm (lg), approximation, absolute value.

To find the result of a logarithm equation that can be written in different number bases must perform the following procedure.

Note: to find the value of natural logarithm must perform the following operation

$$LOG_{(2)}\ 5 = (LN(5))/(LN(2))$$

In the entered functions we may have one or more unknowns in this case "u" which likewise receives the value for the user.

The result will be displayed in a table at the end, where one contained one the steps taken to arrive at the answer.