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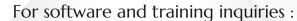
Nvivo home garden Bagbaguin, Pandi Bulacan (Wellness and training center)

ABOUT US

The Philippine Consortium is a premiere multi-disciplinary technology company that provides consultancy services, training, and research software needs of academic institution, government agencies, non-governmental orgs., international non-governmental organizations, international orgs, and business orgs. We are the sole distributor of the following academic and business software NVivo 12. Nvivo 14. Piktochart, Sonia, Citavi. Lumivero software and Wolfram Mathematica and many more).

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WHAT'S NEW IN MATHEMATICA 13

Building on more than a third of a century of steady innovation, Version 13 pushes the boundaries of modern computation like never before.



FEATURES IN 14.0

Core Language

Comap, ComapApply — apply lists of functions to an expression

ArgumentsOptions (updated), CheckArguments (updated)
— support for operator forms

CountDistinct (updated) — now allows a comparison function to be given

TraceOriginal (updated) — finer-grained control over evaluation chains to include

Numbers

DigitSum — sum of decimal digits in an integer RomanNumeral (updated), FromRomanNumeral (updated) — faster conversions with Roman numerals

Units & Quantities »

Improved performance of the Wolfram Language quantity framework.

UnitConvert (updated) — faster unit conversions

QuantityMagnitude (updated) • CurrencyConvert (updated) • CommonUnits (updated)

Unit Testing

IntermediateTest — create intermediate tests inside TestCreate

Code Compilation & Data Structures

Data Structures

"RedBlackTree" — balanced binary search tree for fast
storage and retrieval
Enhancements in Compiler Operations
Enhanced compilation of DownValues that avoids
compiling values that do not match a type.
Functions Enhanced in Compiled Code

MapThread • StringTake • DownValuesFunction



Vector Calculus

NLineIntegrate — numerical vector line integrals NSurfaceIntegrate — numerical vector surface integrals

Complex Analysis

NContourIntegrate — numerical complex contour integration

Integral Transforms

UnilateralConvolve — unilateral (AKA causal, one-sided) convolution

Difference and Differential Equations

TruncateSum — make it easy to work with infinite sum representations produced by DSolve and other functions

Support StateSpaceModel and
TransferFunctionModel in place of equations.

DSolveValue (updated) RSolveValue (updated)

RecurrenceTable (updated)

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