wxMaxima 14.12.0 [unsaved*]

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General Math

Simplify	Simplify (r)
Factor	Expand
Rectform	Subst...
Canonical (tr)	Simplify (tr)
Expand (tr)	Reduce (tr)
Solve...	Solve ODE...
Diff...	Integrate...
Limit...	Series...
Plot 2D...	Plot 3D...

Statistics

Mean...	Median...
Variance...	Deviation...
Mean Test...	
Mean Difference Test...	
Normality Test...	
Linear Regression...	
Least Squares Fit...	
Histogram...	Scatterplot...
Barsplot...	Piechart...
Boxplot...	
Read Matrix...	Enter Matrix...
Subsample...	

(%i1) `matrix(`
`    [1,2,3],`
`    [0,5,0],`
`    [3,0,7]`
`);`

$$(\%o1) \quad \begin{bmatrix} 1 & 2 & 3 \\ 0 & 5 & 0 \\ 3 & 0 & 7 \end{bmatrix}$$

(%i2) `factor(%);`

$$(\%o2) \quad \begin{bmatrix} 1 & 2 & 3 \\ 0 & 5 & 0 \\ 3 & 0 & 7 \end{bmatrix}$$

(%i4) `taylor(sin(%)·cos(%), x, 0, 8);`
taylor: assumed to be zero: 0+...
taylor: assumed to be zero: 0+...
taylor: assumed to be zero: 0+...
(%o4)/T/

$$\begin{bmatrix} \sin(\sin(1))\cos(\sin(1))+... & \sin(\sin(2))\cos(\sin(2))+... & \sin(\sin(3))\cos(\sin \\ 0+... & \sin(\sin(5))\cos(\sin(5))+... & 0+... \\ \sin(\sin(3))\cos(\sin(3))+... & 0+... & \sin(\sin(7))\cos(\sin \end{bmatrix}$$

History

taylor(sin(%)*cos(%), x
taylor(sin(%), x, 0, 8)
factor(%)
matrix(
[1,2,3],
[0,5,0],
[3,0,7]
)

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