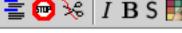
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(D1) $\frac{\log\left(x^2 + \sqrt{2}x + 1\right)}{4\sqrt{2}} - \frac{\log\left(x^2 - \sqrt{2}x + 1\right)}{4\sqrt{2}} + \frac{\arctan\left(\frac{2x + \sqrt{2}}{\sqrt{2}}\right)}{2\sqrt{2}} + \frac{\arctan\left(\frac{2x - \sqrt{2}}{\sqrt{2}}\right)}{2\sqrt{2}}$



Maxima 5.9.0.1cvs http://maxima.sourceforge.net Distributed under the GNU Public License. See the file COPYING. Dedicated to the memory of William Schelter.

This is a development version of Maxima. The function bug_report() provides bug reporting information.

(C2) matrix([x^2+x,y^2+y,z^2+z],[x^2,y^2,z^2],[x^2+y,y^2+z,z^2+x]);
(D2)
$$\begin{pmatrix} x^2+x & y^2+y & z^2+z \\ x^2 & y^2 & z^2 \\ y+x^2 & z+y^2 & z^2+x \end{pmatrix}$$

(C3) ode2('diff(y,x)+3*x*y =
$$sin(x)/x,y,x$$
);

(D3)
$$y = e^{-\frac{3x^2}{2}} \left(\int \frac{e^{\frac{3x^2}{2}} \sin x}{x} dx + \%C \right)$$

(D4)
$$y^5 + 5 x y^4 + 10 x^2 y^3 + 10 x^3 y^2 + 5 x^4 y + x^5$$

generic maxima program roman 10 blue

(C5) [

session input start