



Maxima 5.42.1 <http://maxima.sourceforge.net>

using Lisp SBCL 1.4.5.debian

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Dedicated to the memory of William Schelter.

The function `bug_report()` provides bug reporting information.

(%i1) **block(load((" /usr/share/emacs/site-lisp/maxima/imaxima.lisp")), linenum:0)\$**

(%i1) **solve([I1-I2-I3=0,R1*I1+R3*I3=E1,R2*I2-R3*I3=-E2],[I1,I2,I3]);**

(%o1)
$$\left[\left[I_1 = \frac{(E_1 - E_2) R_3 + E_1 R_2}{(R_2 + R_1) R_3 + R_1 R_2}, I_2 = \frac{(E_1 - E_2) R_3 - E_2 R_1}{(R_2 + R_1) R_3 + R_1 R_2}, I_3 = \frac{E_1 R_2 + E_2 R_1}{(R_2 + R_1) R_3 + R_1 R_2} \right] \right]$$

(%i2)