emacs@artamonov

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Maxima 5.42.1 http://maxima.sourceforge.net
using Lisp SBCL 1.4.5.debian
Distributed under the GNU Public License. See the file COPYING.
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) R1:10$ R2:20$ R3:30$ E1:5$ E2:3$

(%i6) solve([I1-I2-I3=0,R1*I1+R3*I3=E1,R2*I2-R3*I3=-E2],[I1,I2,I3]);

$$\left[\left[I1 = \frac{8}{55}, I2 = \frac{3}{110}, I3 = \frac{13}{110}\right]\right]$$

(%o6)

(%i7) float(%);

(%o7) $$[[I1 = 0.1454545454545454, I2 = 0.02727272727272727, I3 = 0.1181818181818182]]$$

(%i8)

U:**- *maxima*   All L16   (Inferior Maxima: run)
Processing Maxima output...done