Abstract

This paper contains brief information about symbolic computation techniques. The location of symbolic computation within Computer Language classification is defined. MATLAB + MuPAD as combined method have been introduced. After some introductory information about MuPAD, some important applications of MATLAB + MuPAD are given. The method, transfer from MuPAD into MATLAB has been discussed as well. These two methods have been illustrated to engineering students on selected topics.
- Oberwolfach References on Mathematical Software http://orms.mfo.de/about
- MuPAD: http://en.wikipedia.org/wiki/MuPAD
- MuPAD: http://www.math.utah.edu/faq/mupad/
- MuPAD official site in MathWorks http://www.mathworks.com/discovery/mupad.html
- Algebraic Combinatory package for MuPAD http://mupad-combinat.sourceforge.net/

Index Terms

Computer Science                         Applied Mathematics

Keywords

Symbolic Computation   Matlab   Mupad