

Computations in Commutative Algebra



<http://cocoa.dima.unige.it/>

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(1) Introduction to CoCoA
a brief tour in the web page

(2) CoCoA in action
(exact) ideal of points

(3) CoCoA4 & CoCoAServer
a step into the future

(4) CoCoALib
the full experience!



Introduction to CoCoA: a brief tour in the web page

[What is CoCoA?](#) CoCoA is a computer algebra system. Its programming language is designed for non-programmers: no declarations, “mathematical syntax”, ...

[multilingual page](#): very simple examples of CoCoA syntax (please add more languages!)

[Help system](#) Reference card, (GUI) html help, pdf version, Google search.

[CoCoAForum](#) and [CoCoAWiki](#)

[publications](#), [download](#), [conferences](#), [Kreuzer-Robbiano book](#), ...

CoCoA in action (exact) ideal of points [CoCoA demo]

CoCoA4 & CoCoAServer: a step into the future [CoCoA demo]

CoCoALib: the full experience! [John Abbott]