

# 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**  
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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]