

# the best **completely free** software alternatives

.....  
for STEM students and professionals

## Numerical computing



FREE ALTERNATIVES:



GNU Octave  
[www.gnu.org](http://www.gnu.org)



R-project  
[www.r-project.org](http://www.r-project.org)

## Problem solving – Advanced calculators



FREE ALTERNATIVES:



fxSolver  
[www.fxsolver.com](http://www.fxsolver.com)



Symbolab  
[www.symbolab.com](http://www.symbolab.com)

## CAD - Mechanical



FREE ALTERNATIVES:



FreeCAD  
[www.freecadweb.org](http://www.freecadweb.org)



LibreCAD  
[librecad.org](http://librecad.org)

## CAD - Electrical



FREE ALTERNATIVES:

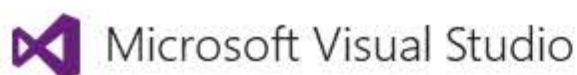


KiCad  
[www.kicad-pcb.org](http://www.kicad-pcb.org)



Fritzing  
[fritzing.org](http://fritzing.org)

## IDE (beyond text editors)



FREE ALTERNATIVES:



Eclipse  
[eclipse.org](http://eclipse.org)



NetBeans  
[netbeans.org](http://netbeans.org)

## Collaborative projects



FREE ALTERNATIVES:



Riot.im  
[about.riot.im](http://about.riot.im)



Mattermost  
[www.mattermost.org](http://www.mattermost.org)

## Flowcharts



FREE ALTERNATIVES:



draw.io  
[www.draw.io](http://www.draw.io)



yEd Graph Editor  
[www.yworks.com](http://www.yworks.com)

## Mind Mapping



FREE ALTERNATIVES:



FreeMind  
[sourceforge.net](http://sourceforge.net)



XMind  
[www.xmind.net](http://www.xmind.net)

## Note taking



FREE ALTERNATIVES:



Microsoft OneNote  
[www.onenote.com](http://www.onenote.com)



Google Keep  
[keep.google.com](http://keep.google.com)

## PDF, EBook reader



FREE ALTERNATIVES:



Sumatra PDF  
[sumatrapdfreader.org](http://sumatrapdfreader.org)



Foxit Reader  
[foxitsoftware.com](http://foxitsoftware.com)