

GNU/Linux, software libre para la comunidad universitaria

# Software científico en GNU/Linux

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# Procesadores de texto

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- TeX
  - LaTeX
    - Texmaker
    - Kile
- GNU TeXmacs
- LyX
- OpenOffice.org Math



# Creación de gráficos

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- Representación de funciones y datos
  - gnuplot
    - Qgfe
- Diagramas
  - Dia
  - Xfig



# Creación de gráficos

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- Dibujos geométricos
  - GeoGebra
  - GEONExT
- Visualización de estructuras químicas
  - GDIS
  - Chemtool
  - Garlic



# Cálculo simbólico

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- Maxima
  - wxMaxima
  - Xmaxima
- Yacas
- Axiom



# Cálculo numérico

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- GNU Octave
  - QtOctave
- FreeMat



# Análisis estadístico

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- R





# Diseño asistido por computador o CAD

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- QCad
- PythonCAD



# Sistemas de información geográfica o GIS

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- GRASS



# Circuitos eléctricos

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- Logisim
- KiCad



# Tabla periódica de los elementos

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- Kalzium



# Simulación astronómica

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- Celestia
- KStars
- Stellarium



# Fractales e imágenes caóticas

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- GNU XaoS
- Fyre



Fin



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