



Math for the people, by the people.

famous curves

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Related topic	ClairautsEquation
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Related topic	Asymptote
Related topic	ArcLengthOfParabola

Closed curves

- <http://planetmath.org/circle>Circle
- Ellipse
- <http://planetmath.org/clairautsequation>Astroid
- Cardioid
- Cassini oval (especially: lemniscate)
- graphs of spherical functions
- <http://planetmath.org/lissajouscurves>Lissajous curves

Periodic curves

- Sinusoid
- Cycloid
- <http://planetmath.org/triangularwavefunction>Triangular-wave curve

Unbounded

- <http://planetmath.org/LineInThePlane>Line
- Hyperbola
- Parabola
- Semicubical parabola
- <http://planetmath.org/polytrope>Cubic hyperbola
- Logarithmic spiral
- Archimedean spiral
- <http://planetmath.org/curvatureofnielsensspiral>Nielsen's spiral
- <http://planetmath.org/areaundergaussiancurve>Gaussian and Lorentzian curves

- graphs of Bessel functions
- graphs of Legendre polynomials
- Catenary
- Tractrix
- Clothoid
- <http://planetmath.org/asymptoteoflamescubic> Lamé's cubic
- Witch of Agnesi
- Cissoid of Diocles
- Conchoid of Nicomedes
- Quadratrix of Hippias
- graphs of damped sine and cosine functions
- graphs of sinc function, sine integral, gamma function, <http://planetmath.org/FunctionXx>
 x^x

Space curves

- Circular helix
- Loxodrome

<http://www.mathcurve.com/courbes2d/courbes2d.shtml> ENCYCLOPÉDIE
DES FORMES MATHÉMATIQUES REMARQUABLES