```
# Saddle
var('x,y,z')
implicit_plot3d(z-x^2+y^2,(x,-3,3),(y,-3,3),(z,-3,3))

# Clebsch surface, 27 lines
var('x,y,z')
implicit_plot3d(1+x^3+y^3+z^3-(1+x+y+z)^3,(x,-3,3),(y,-3,3),(z,-3,3))

# Parabolical singularity P_8, Arnold  a!=27, a=1, a=4, x^3+y^3+z^3-a*x*y*z
implicit_plot3d(x^3+y^3+z^3-x*y*z,(x,-3,3),(y,-3,3),(z,-3,3))
# R=singular.ring(0,'(x,y,z)','dp'); f=singular('x3+y3+z3-xyz');
# singular.LIB('sing.lib'); f.milnor()

# K3 surface
implicit_plot3d(z^2-x*y*(x+y+1)*(x+2*y+3)*(x+3*y+5),(x,-3,3),(y,-3,3),(z,-3,3))
```