$$\theta(t,s) = 0.2\pi(t+1+\sqrt{7})/\sqrt{7} - 0.4\pi + 0.1$$

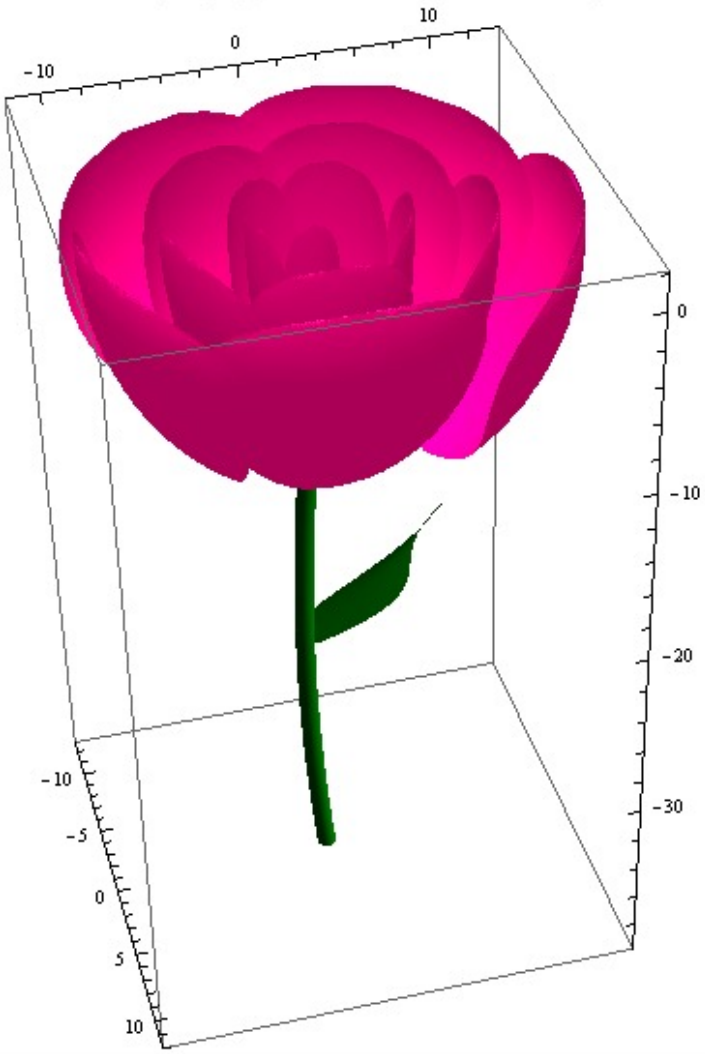
$$\varphi(t,s) = \frac{\pi s}{4\sqrt{2}}\sqrt{2 - \frac{t^2}{|t-3|}}$$

$$x = r\cos(\varphi_0 + \varphi(t,s))\cos\theta(t,s)$$

$$y = r\sin(\varphi_0 + \varphi(t,s))\cos\theta(t,s)$$

$$z = r_1 \sin\theta(t,s),\ t \in [-1-\sqrt{7}, -1+\sqrt{7}],\ s \in [-1,1]$$

$$r_k = 14 - 0.8k,\quad \varphi_{0k} = 0.4\pi k,\quad k = \overline{1,15}$$



0 1 2 3 4 5 6 7

A B C D E F G H

α β γ δ ε ζ η θ

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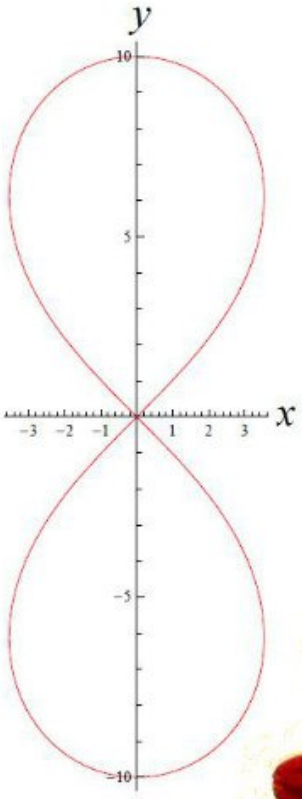
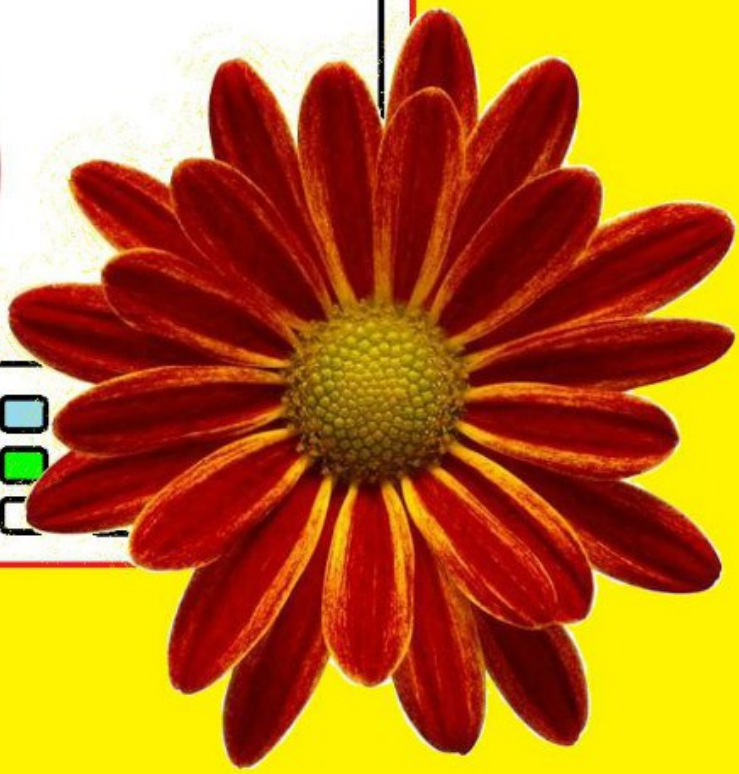
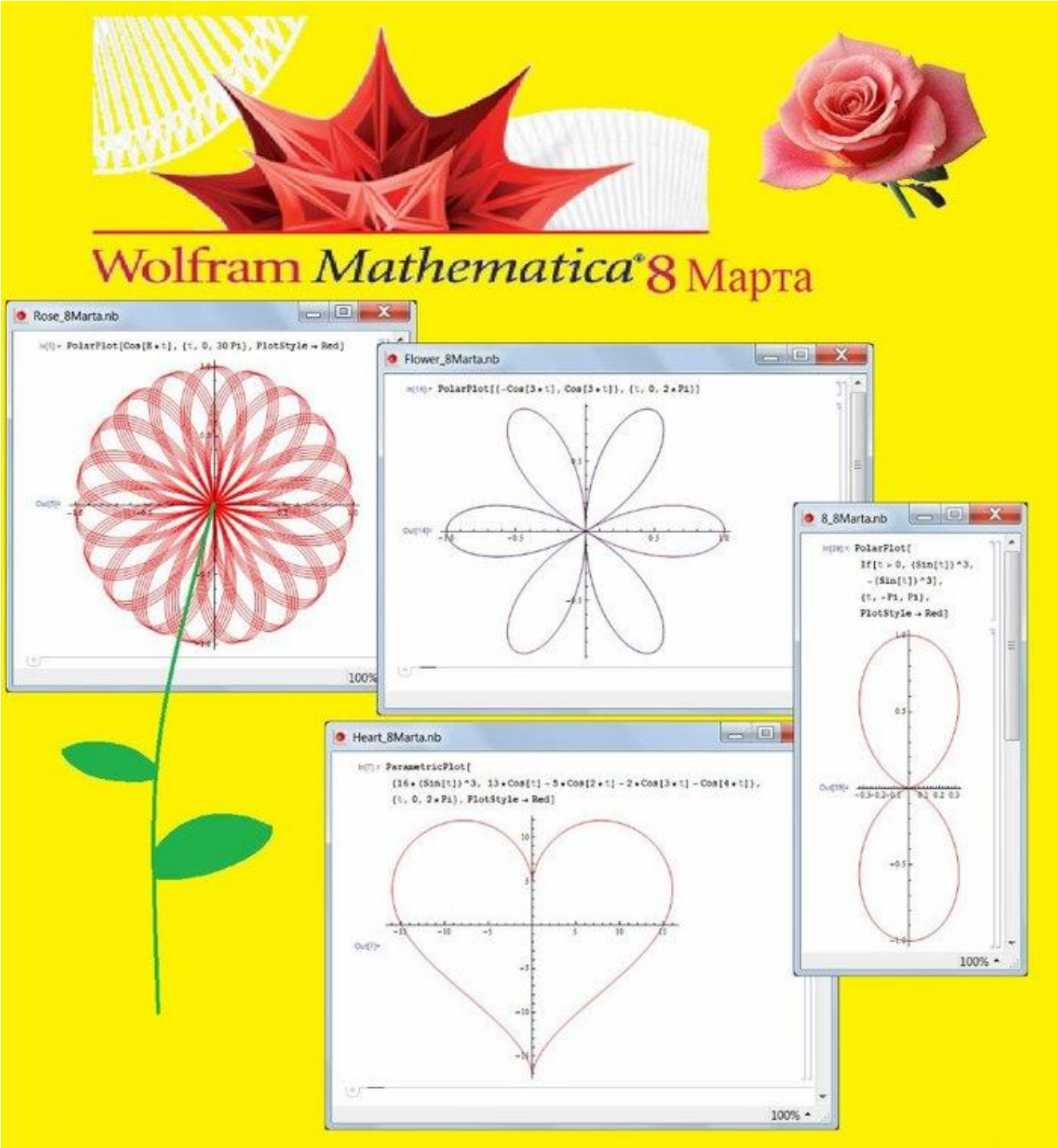
$$> \left(x^2 + y^2\right)^2 = 100\left(y^2 - x^2\right)$$






Wolfram Mathematica® 8 Марта
Rose_8Marta.nb
In[1]:= PolarPlot[Cos[8 * t], {t, 0, 30 Pi}, PlotStyle → Red]
Flower_8Marta.nb
In[14]:= PolarPlot[{-Cos[3 * t], Cos[3 * t]}, {t, 0, 2 * Pi}]
8_8Marta.nb
In[19]:= PolarPlot[
If[t > 0, (Sin[t])^3,
-(Sin[t])^3],
{t, -Pi, Pi},
PlotStyle → Red]
Heart_8Marta.nb
In[7]:= ParametricPlot[
{16 * (Sin[t])^3, 13 * Cos[t] - 5 * Cos[2 * t] - 2 * Cos[3 * t] - Cos[4 * t]},
{t, 0, 2 * Pi}, PlotStyle → Red]
100%