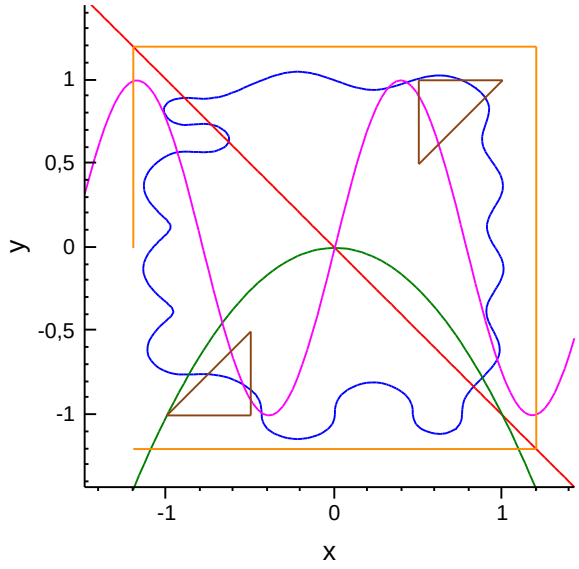
$$f(x,y) := x^4 + y^4 + 0.4\cdot\sin(7\cdot x) + 0.3\cdot\sin(4\cdot\pi\cdot y) - 1 \qquad g(x) := -\left(x^2\right)$$

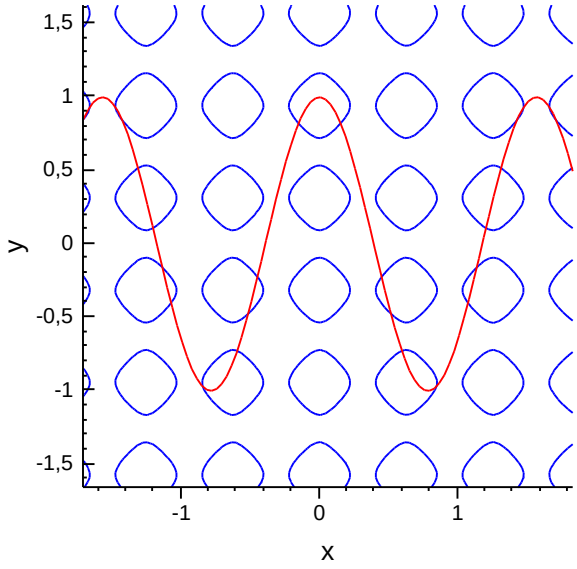
appVersion(3) = "0.99.682

$$M := 1.2\cdot\begin{bmatrix} -1 & 1 & 1 & -1 & -1 \\ -1 & -1 & 1 & 1 & 0 \end{bmatrix}^T \qquad S_1 := \begin{bmatrix} -1 & -0.5 & -0.5 & -1 \\ -1 & -1 & -0.5 & -1 \end{bmatrix}^T \qquad S_2 := -\begin{bmatrix} -1 & -0.5 & -0.5 & -1 \\ -1 & -1 & -0.5 & -1 \end{bmatrix}^T$$

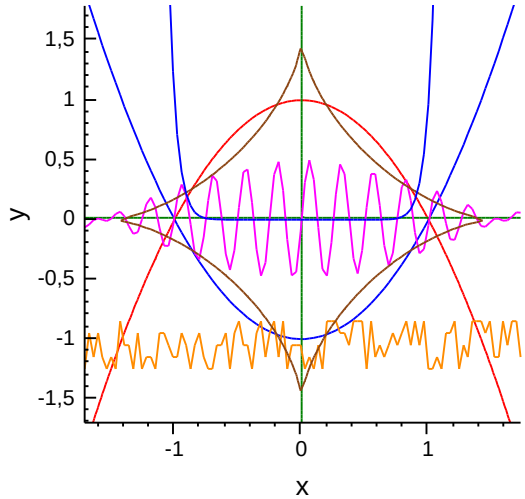
$$PLOT := \begin{cases} f \\ -x \\ g \\ \sin(4\cdot x) \\ M \\ S \end{cases}$$

$$PLOT1 := \begin{cases} f1(x,y) := \left|\sin(5\cdot x)^2 + \cos(5\cdot y)^2 - 0.8\right| \\ g1(x) := \left|\cos(4\cdot x)\right| \end{cases}$$

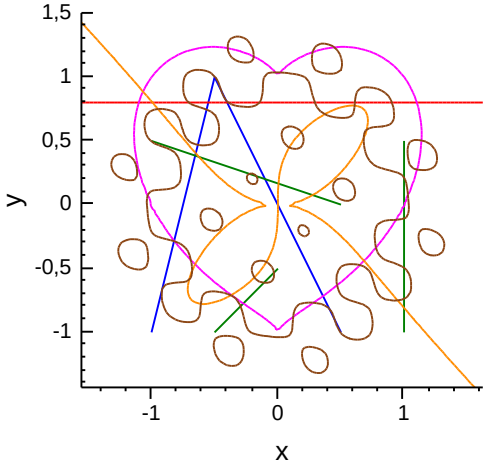




PLOT



PLOT1



$$\begin{cases} f(y) := y^2 - 1 \\ g(x,y) := y + x^2 - 1 \\ `(a,b) := \dfrac{a}{b} \\ 0.5\cdot\sin(25\cdot t)\cdot\cos(t) \\ `(n) := 0.1\cdot\text{random}(5) - 1.25 \\ `(x,y) := x^{\frac{2}{3}} + y^{\frac{2}{3}} - 1.5^{\frac{2}{3}} \\ x^{16} \end{cases}$$

$$\begin{cases} M := \text{stack}([0.5\ -1],[-0.5\ 1],[-1\ -1]) \\ 1 - 0.2 \\ [X\ Y\ Z] := \left[\begin{bmatrix} 1 & -1 \\ 1 & 0.5 \end{bmatrix}\begin{bmatrix} 0.5 & 0 \\ -1 & 0.5 \end{bmatrix}\begin{bmatrix} -0.5 & -1 \\ 0 & -0.5 \end{bmatrix}\right] \\ \begin{bmatrix} X \\ Y \\ Z \end{bmatrix} \\ \left(x^2 + y^2 - 1\right)^3 - x^2\cdot y^3 \\ x^5 + y^5 - x\cdot y^2 \\ (x)^2 + (y)^2 - \left(\sin(5\cdot(x+y))\right)^2 - \left(\cos(4\cdot(x-y))\right)^2 \end{cases}$$