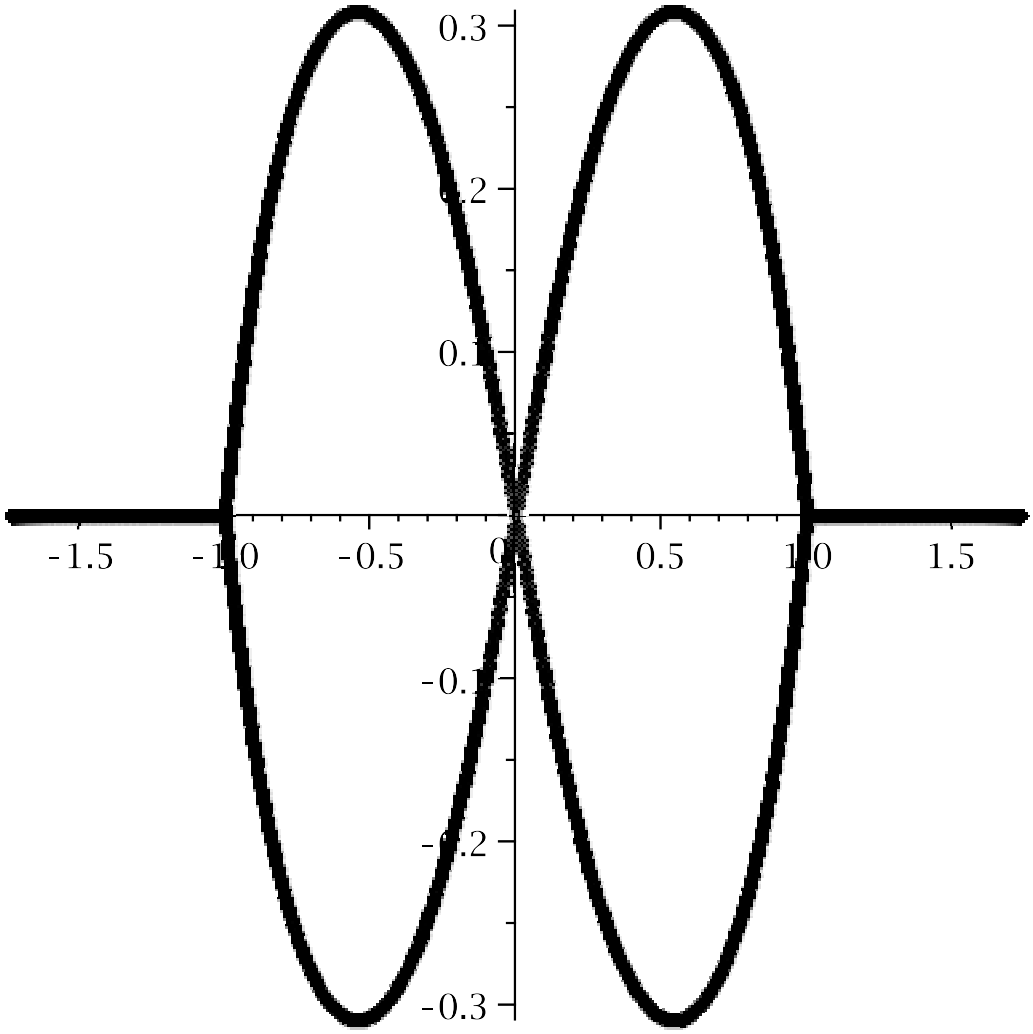
> $f:=-\frac{(x^2-3)\,x^4}{3\,x^2-1}$;

$$f:=-\frac{(x^2-3)\,x^4}{3\,x^2-1} \tag{1}$$

> $factor(1-f)$;

$$\frac{(x-1)^3\,(x+1)^3}{3\,x^2-1} \tag{2}$$

> **read** *PlotDessin*: *plots*[*pointplot*](*pts*); # *plots* f^{-1}([0, 1]).



> *algcurves*[*monodromy*](*numer*($f-y$), y, x)[-1];

$$[[0., [[2, 3, 5, 4]]], [1., [[1, 3, 2], [4, 5, 6]]], [\infty, [[1, 4, 6, 3]]]] \tag{3}$$

0: cycles of length 4, 1, 1
1: cycles of length 3, 3
inf: cycles of length 4, 1, 1 (1-cycles are not printed)