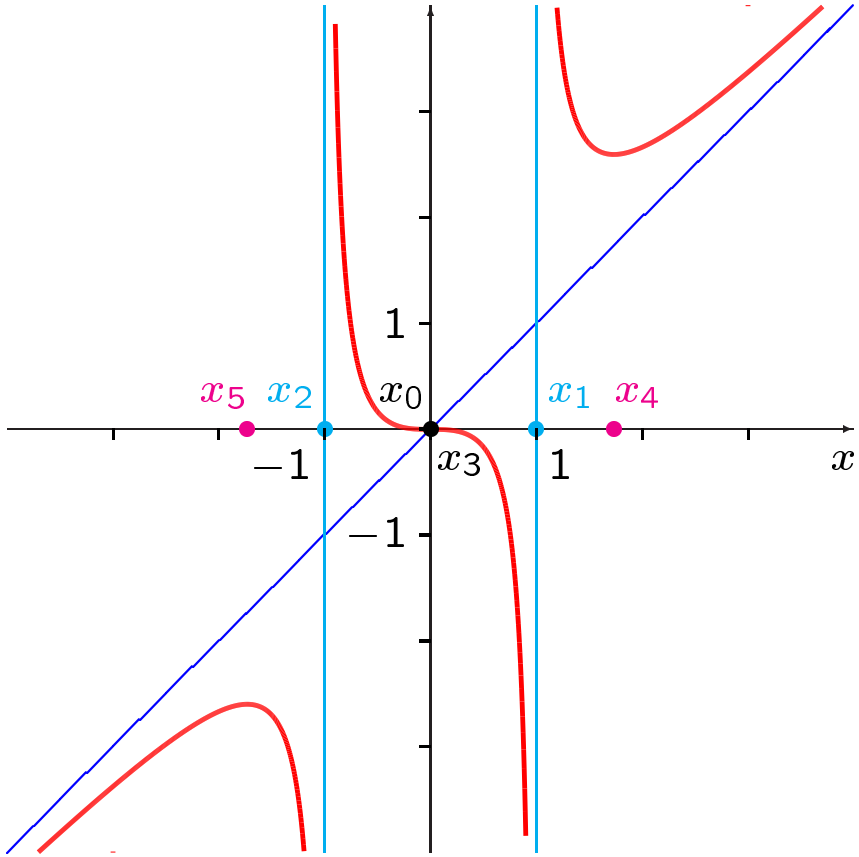
Kurvendiskussion: $f(x) = \dfrac{x^3}{x^2 - 1}$



Asymptote $y_A = x$

Nullstelle:	$x_0 = 0$
Polstellen:	$x_1 = 1,\ x_2 = -1$
Lokales Minimum:	$x_4 = \sqrt{3}$, $f(\sqrt{3}) = 3\sqrt{3}/2$
Lokales Maximum:	$x_5 = -\sqrt{3}$, $f(-\sqrt{3}) = -3\sqrt{3}/2$
Wendepunkt:	$x_3 = 0$