

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 3x^3 + 10x^2 - 11x + 2}{(-x-2)(1-x)}$$

$$+ (-3x^2) + (6x) + (-2)$$

$$(-x-2)(1-x) \quad (-3)x^4 + (3)x^3 + (10)x^2 + (-11)x + (2)$$

$$(-3x^4) + (-3x^3) + (6x^2) + (6)x^3 + (4)x^2 + (-11)x + (2)$$

$$+ (6x^3) + (6x^2) + (-12x)$$

$$+ (-2)x^2 + (1)x + (2)$$

$$+ (-2x^2) + (-2x) + (4)$$

$$+ (3x) + (-2)$$

