

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 15x^3 - 17x^2 - 10x + 17}{(1-x)(3-x)}$$

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

$$\begin{aligned} (1-x)(3-x) & (-3)x^4 + (15)x^3 + (-17)x^2 + (-10)x + (17) \\ & (-3x^4) + (12x^3) + (-9x^2) \\ & + (3)x^3 + (-8)x^2 + (-10)x + (17) \\ & + (3x^3) + (-12x^2) + (9x) \\ & + (4)x^2 + (-19)x + (17) \\ & + (4x^2) + (-16x) + (12) \\ & + (-3x) + (5) \end{aligned}$$

