

Example: Oblique Non-Linear Asymptote

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

$$\begin{array}{r} (1-x)(2-x) \quad (-3)x^4 + (3)x^3 + (10)x^2 + (-11)x + (-2) \\ \hline (-3x^4) + (9x^3) + (-6x^2) \\ + (-6)x^3 + (16)x^2 + (-11)x + (-2) \\ + (-6x^3) + (18x^2) + (-12x) \\ + (-2)x^2 + (1)x + (-2) \\ + (-2x^2) + (6x) + (-4) \\ + (-5x) + (2) \end{array}$$

