

# Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 18x^3 - 35x^2 + 24x - 2}{(1-x)(2-x)}$$

$$\begin{array}{r} (1-x)(2-x) \quad (-3)x^4 \quad + (18)x^3 \quad + (-35)x^2 \quad + (24)x \quad + (-2) \\ \hline (-3x^4) \quad + (9x^3) \quad + (-6x^2) \\ + (9)x^3 \quad + (-29)x^2 \quad + (24)x \quad + (-2) \\ + (9x^3) \quad + (-27x^2) \quad + (18x) \\ + (-2)x^2 \quad + (6)x \quad + (-2) \\ + (-2x^2) \quad + (6x) \quad + (-4) \\ + (2) \end{array}$$

