

# Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 + 6x^3 + 25x^2 - 52x + 9}{(2-x)x}$$

$$+ (-3x^2) + (25)$$

$$-(2-x)x \quad (-3)x^4 + (6)x^3 + (25)x^2 + (-52)x + (9)$$

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

$$+ (25)x^2 + (-52)x + (9)$$

$$+ (25x^2) + (-50x)$$

$$+ (-2x) + (9)$$

