

# Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 6x^3 + 19x^2 + 22x - 29}{(-x-2)(2-x)}$$

$$+ (-3x^2) + (-6x) + (7)$$

$$(-x-2)(2-x) \quad (-3)x^4 + (-6)x^3 + (19)x^2 + (22)x + (-29)$$

$$(-3x^4) + (12x^2)$$

$$+ (-6)x^3 + (7)x^2 + (22)x + (-29)$$

$$+ (-6x^3) + (24x)$$

$$+ (7)x^2 + (-2)x + (-29)$$

$$+ (7x^2) + (-28)$$

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

