

# Example: Oblique Non-Linear Asymptote

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

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

$$-(-x-2)x \quad (-3)x^4 + (-3)x^3 + (10)x^2 + (11)x + (2)$$

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

$$+ (3)x^3 + (10)x^2 + (11)x + (2)$$

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

$$+ (4)x^2 + (11)x + (2)$$

$$+ (4x^2) + (8x)$$

$$+ (3x) + (2)$$

