

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 9x^3 + 10x^2 + 33x + 4}{(-x-3)x}$$

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

$$-(-x-3)x \quad (-3)x^4 + (-9)x^3 + (10)x^2 + (33)x + (4)$$

$$(-3x^4) + (-9x^3)$$

$$+ (10)x^2 + (33)x + (4)$$

$$+ (10x^2) + (30x)$$

$$+ (3x) + (4)$$

