

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 3x^3 + 25x^2 + 26x + 9}{(-x-1)x}$$

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

$$-(-x-1)x \quad (-3)x^4 \quad + (-3)x^3 \quad + (25)x^2 \quad + (26)x \quad + (9)$$

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

$$+ (25)x^2 \quad + (26)x \quad + (9)$$

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

$$+ (x) + (9)$$

