

Example: Oblique Non-Linear Asymptote

$$\frac{-3x^4 - 12x^3 + x^2 + 44x + 32}{(-x-3)(-x-2)}$$

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

$$(-x-3)(-x-2) \quad (-3)x^4 + (-12)x^3 + (1)x^2 + (44)x + (32)$$

$$(-3x^4) + (-15x^3) + (-18x^2)$$

$$+ (3)x^3 + (19)x^2 + (44)x + (32)$$

$$+ (3x^3) + (15x^2) + (18x)$$

$$+ (4)x^2 + (26)x + (32)$$

$$+ (4x^2) + (20x) + (24)$$

$$+ (6x) + (8)$$

