

Example: Oblique Non-Linear Asymptote

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

$$\begin{array}{r} + (-3x^2) + (6x) + (7) \\ \hline -(-x-3)x \quad (-3)x^4 + (-3)x^3 + (25)x^2 + (26)x + (3) \\ \quad (-3x^4) + (-9x^3) \\ + (6)x^3 + (25)x^2 + (26)x + (3) \\ + (6x^3) + (18x^2) \\ + (7)x^2 + (26)x + (3) \\ + (7x^2) + (21x) \\ + (5x) + (3) \end{array}$$

