

Example: Oblique Non-Linear Asymptote

$$- \frac{-3x^4 + 9x^3 + x^2 - 6x + 3}{(1-x)x}$$

$$\begin{array}{rcllcl}
 & & & + (-3x^2) & + (6x) & + (7) \\
 \hline
 -(1-x)x & (-3)x^4 & + (9)x^3 & + (1)x^2 & + (-6)x & + (3) \\
 & (-3x^4) & + (3x^3) & & & \\
 & & + (6)x^3 & + (1)x^2 & + (-6)x & + (3) \\
 & & + (6x^3) & + (-6x^2) & & \\
 & & & + (7)x^2 & + (-6)x & + (3) \\
 & & & + (7x^2) & + (-7x) & \\
 & & & & + (x) & + (3)
 \end{array}$$

