Example: Oblique Non-Linear Asymptote

$$\frac{-3\,x^4+19\,x^2-18\,x+3}{(-x-3)\,(1-x)}$$

			$+(\boxed{-3\,x^2})$	$+(\boxed{6\,x})$	$+(\boxed{-2})$
$\boxed{(-x-3)\ (1-x)}$	$(-3)\,x^4$		$+(19)\,x^2$	$+(-18)\,x$	$+(3)$
	$(\boxed{-3\,x^4})$	$+(\boxed{-6\,x^3})$	$+(\boxed{9\,x^2})$		
		$+(6)\,x^3$	$+(10)\,x^2$	$+(-18)\,x$	$+(3)$
		$+(\boxed{6\,x^3})$	$+(\boxed{12\,x^2})$	$+(\boxed{-18\,x})$	
			$+(-2)\,x^2$		$+(3)$
			$+(\boxed{-2\,x^2})$	$+(\boxed{-4\,x})$	$+(\boxed{6})$
				$+(\boxed{4\,x})$	$+(\boxed{-3})$