Example: Oblique Non-Linear Asymptote

$$\frac{-3\,x^4 - 3\,x^3 + 19\,x^2 + 2\,x - 23}{(1-x)\,(2-x)}$$

			$+ (\boxed{-3\,x^2})$	$+ (\boxed{-12\,x})$	$+ (\boxed{-11})$
$\boxed{(1-x)\,(2-x)}$	$(-3)\,x^4$	$+(-3)\,x^3$	$+(19)\,x^2$	$+(2)\,x$	$+(-23)$
	$(\boxed{-3\,x^4})$	$+(\boxed{9\,x^3})$	$+(\boxed{-6\,x^2})$		
		$+(-12)\,x^3$	$+(25)\,x^2$	$+(2)\,x$	$+(-23)$
		$+(\boxed{-12\,x^3})$	$+(\boxed{36\,x^2})$	$+(\boxed{-24\,x})$	
			$+(-11)\,x^2$	$+(26)\,x$	$+(-23)$
			$+(\boxed{-11\,x^2})$	$+(\boxed{33\,x})$	$+(\boxed{-22})$
				$+(\boxed{-7\,x})$	$+(\boxed{-1})$