Example: Oblique Non-Linear Asymptote

$$-\frac{-3x^4+19x^2+18x+6}{(-x-1)\,x}$$

			$+\,(\;\boxed{-3x^2}\;)$	$+\,(\;\boxed{3x}\;)$	$+\,(\;\boxed{16}\;)$
$\boxed{-\,(-x-1)\,x}$	$(-3)\,x^4$		$+\,(19)\,x^2$	$+\,(18)\,x$	$+\,(6)$
	$(\boxed{-3x^4})$	$+\,(\boxed{-3x^3})$			
		$+\,(3)\,x^3$	$+\,(19)\,x^2$	$+\,(18)\,x$	$+\,(6)$
		$+\,(\boxed{3x^3})$	$+\,(\boxed{3x^2})$		
			$+\,(16)\,x^2$	$+\,(18)\,x$	$+\,(6)$
			$+\,(\boxed{16x^2})$	$+\,(\boxed{16x})$	
				$+\,(\boxed{2x})$	$+\,(\boxed{6})$