

Identified PDEs

	None	Moving Avg	Cubic Spline	Savitzky Golay	Kernel Filter
1 term	NA	NA	NA	NA	NA
2 term	$-7.57265uu_x + 9.20864u^2u_x$	NA	$-6.35892uu_x + 7.25214u^2u_x$	NA	NA
3 term	$-8.13788uu_x + 13.32844u^2u_x + 0.29776u^2u_{xx}$	NA	$-7.48423uu_x + 9.51256u^2u_x + -0.01629u^2u_{xxx}$	$6.24250u + -24.20077u^2 + -3.16153uu_x$	$406.15548u^2u_{xx} + 301.07389u^2u_{xxx} + 187.96364u^2u_{xxx}$
4 term	$-11.35137uu_x + 18.23336u^2u_x + -0.21804uu_{xx} + 0.65337u^2u_{xx}$	$-5.10560uu_x + 11.22482u^2u_x + 0.63362u^2u_{xx} + 0.01754u^2u_{xxx}$	$0.71892u_x + -10.96088uu_x + 12.49525u^2u_x + -0.01657u^2u_{xxx}$	$-2.71153uu_x + 0.18731uu_{xx} + -0.47644u^2u_{xx} + -0.01670u^2u_{xxx}$	NA
5 term	$-11.73880uu_x + 21.16582u^2u_x + -0.24670uu_{xx} + 1.06030u^2u_{xx} + 0.01459u^2u_{xxx}$	$-6.17156uu_x + 12.90662u^2u_x + -0.22997uu_{xx} + 1.14497u^2u_{xx} + 0.02513u^2u_{xxx}$	NA	NA	NA
6 term	$-14.26977uu_x + 29.74040u^2u_x + -0.63261uu_{xx} + 2.37197u^2u_{xx} + -0.01559uu_{xxx} + 0.06715u^2u_{xxx}$	$-7.74109uu_x + 17.07645u^2u_x + -0.45185uu_{xx} + 1.71699u^2u_{xx} + -0.00978uu_{xxx} + 0.05077u^2u_{xxx}$	NA	$5.40982u + -25.99111u^2 + 0.12544u_{xx} + -6.07009uu_x + -0.57899uu_{xx} + -0.02084u^2u_{xxx}$	NA