

# Identified PDEs

	None	Moving Avg	Cubic Spline	Savitzky Golay	Kernel Filter
1 term	NA	$-8.22189uu_x$	$-6.99544uu_x$	NA	NA
2 term	NA	$-9.20681uu_x +$ $-0.00229u^2u_{xxx}$	$-8.85132uu_x +$ $-0.00179uu_{xxx}$	NA	$-1079.46055u^2u_x +$ $-726.34681u^2u_{xxx}$
3 term	NA	NA	NA	$0.25014u^2u_{xx} +$ $0.00434uu_{xxx} +$ $0.00007u^2u_{xxxx}$	$-838.99803u^2u_x +$ $211.63833uu_{xxx} +$ $-868.70702u^2u_{xxx}$
4 term	NA	NA	NA	NA	$-693.00232u^2u_x +$ $228.56478uu_{xxx} +$ $-893.22666u^2u_{xxx} +$ $-165.35196u^2u_{xxxx}$
5 term	$0.07093u_{xx} +$ $-14.75860uu_x +$ $20.10970u^2u_x +$ $-0.27954uu_{xx} +$ $0.24730u^2u_{xx}$	$-6.27367uu_x +$ $-6.27792u^2u_x +$ $-0.00206u^2u_{xxx} +$ $-0.00003uu_{xxxx} +$ $0.00004u^2u_{xxxx}$	NA	$-6.11010uu_x +$ $-0.08330uu_{xx} +$ $0.15910u^2u_{xx} +$ $-0.00006uu_{xxxx} +$ $0.00010u^2u_{xxxx}$	$-625.74020u^2u_x +$ $295.31337uu_{xxx} +$ $-969.52401u^2u_{xxx} +$ $89.26041uu_{xxxx} +$ $-344.34883u^2u_{xxxx}$
6 term	$-2.33680u_x +$ $0.07342u_{xx} +$ $10.81935u^2u_x +$ $-0.37989uu_{xx} +$ $0.58343u^2u_{xx} +$ $0.00342u^2u_{xxx}$	NA	NA	NA	NA