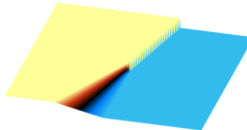
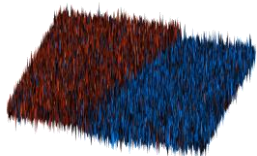
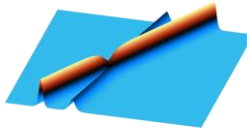
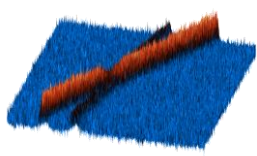
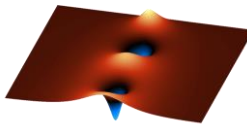
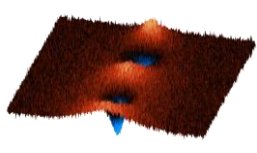
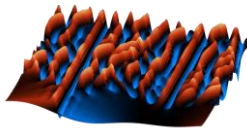
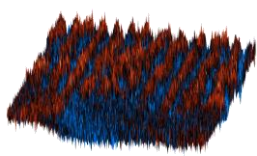


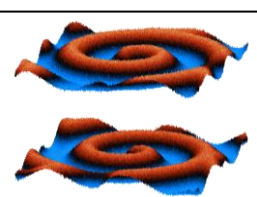


PDE	Noise level	Form	Model error weak w-ensemble	Success rate weak w-ensemble
 Inviscid Burgers	 100%	$u_t + 0.5uu_x = 0$	2.6% 2.5%	99% 100%
 Korteweg de Vries	 100%	$u_t + 0.5uu_x + u_{xxx} = 0$	27.5% 11.9%	93.5% 99.5%
 Nonlinear Schrödinger	 50%	$iu_t + 0.5u_{xx} + u ^2u = 0$	13.0% 11.2%	82.0% 100%
 Kuramoto Sivashinsky	 100%	$u_t + 0.5uu_x + u_{xx} + u_{xxxx} = 0$	29.5% 23.0%	87.5% 98.5%
<div><div>u</div><div>v</div></div> Reaction Diffusion	 20%	$u_t = 0.1\nabla^2u + \lambda(A)u - \omega(A)v$ $v_t = 0.1\nabla^2v + \omega(A)u + \lambda(A)v$ $A^2 = u^2 + v^2, \omega = -\beta A^2, \lambda = 1 - A^2$	77.7% 7.1%	0.0% 99.5%