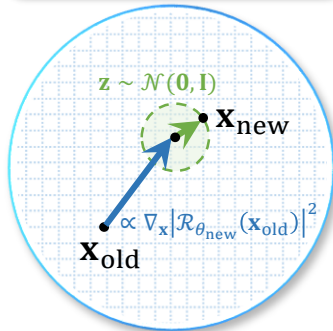
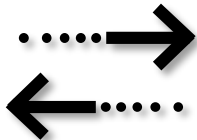


Langevin Dynamics in PDE Domain Ω



$$\nabla_{\theta} |\mathcal{R}_{\cdot}(\mathbf{x}_{\text{new}})|^2$$



$$\nabla_{\mathbf{x}} |\mathcal{R}_{\theta_{\text{new}}}(\cdot)|^2$$

Gradient Descent in Parameter Space Θ

