## Improved Sampling Of Diffusion Models In Fluid Dynamics With Tweedie's Formula



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- Faster Sampling:
  - Truncated Ancestral Sampling [TSM]
  - Iterative Refinement [IR]
- High-fidelity single-step sampling with elevated accuracy on 2D Compressible flow around cylinder
- Maintains temporal stability and captures all turbulent scales present



Checkout our poster page!

