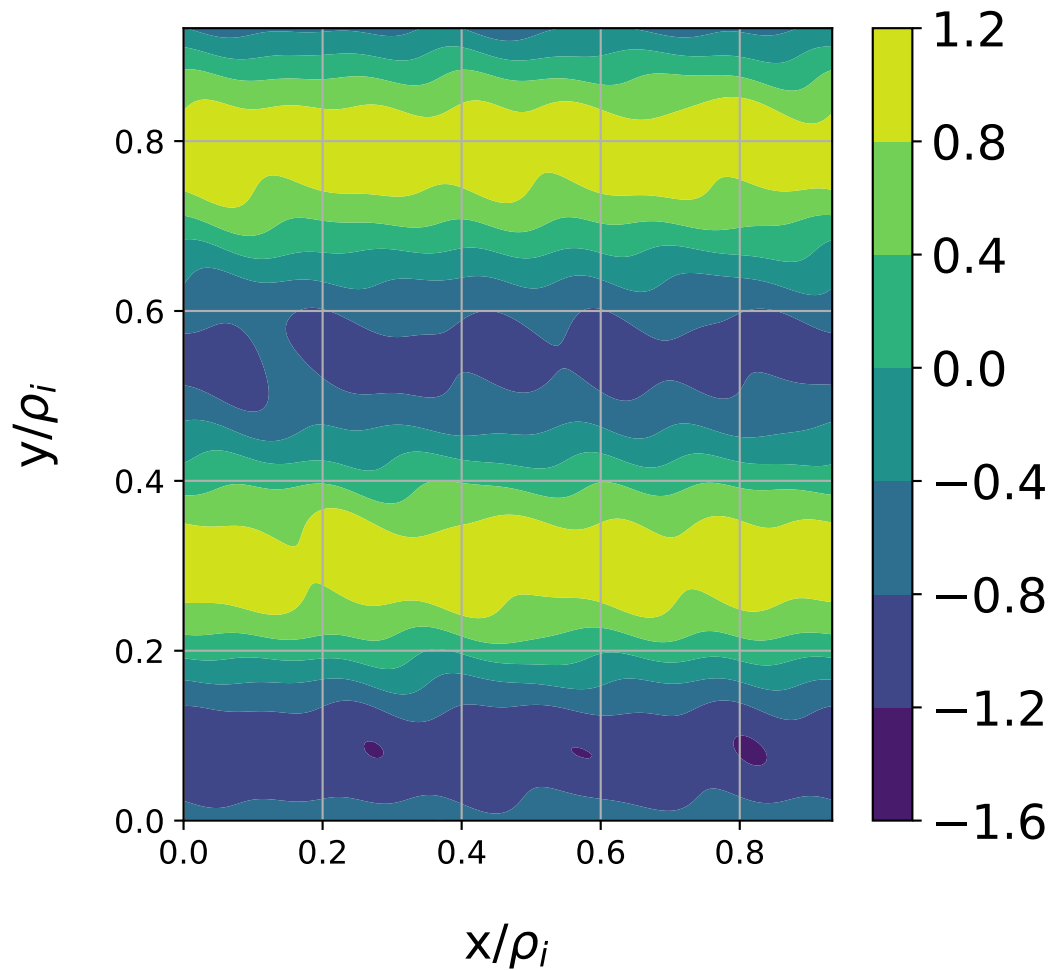


$\phi$  $\phi_k$ 