

Figure 8: (a) Upper-branch equilibrium \mathbf{u}_* . (b) Eigenfunction \mathbf{v}_0 for $\lambda_0 = 0.0555838$.

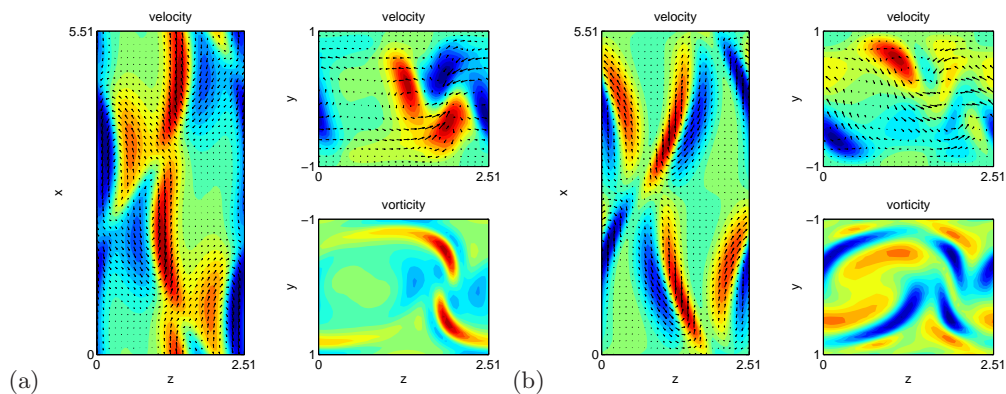


Figure 9: Real-valued eigenfunctions (a) \mathbf{v}_{1+} (b) \mathbf{v}_{1-} for complex pair $\lambda_{1,2} = 0.0325293 \pm 0.107043 i$.

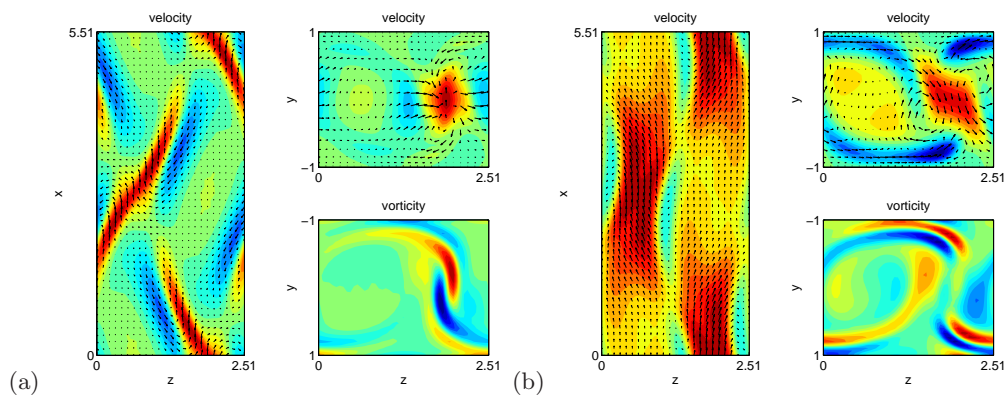


Figure 10: Real-valued eigenfunctions (a) \mathbf{v}_{3+} (b) \mathbf{v}_{3-} for complex pair $\lambda_{3,4} = 0.0160593 \pm 0.0392381 i$.

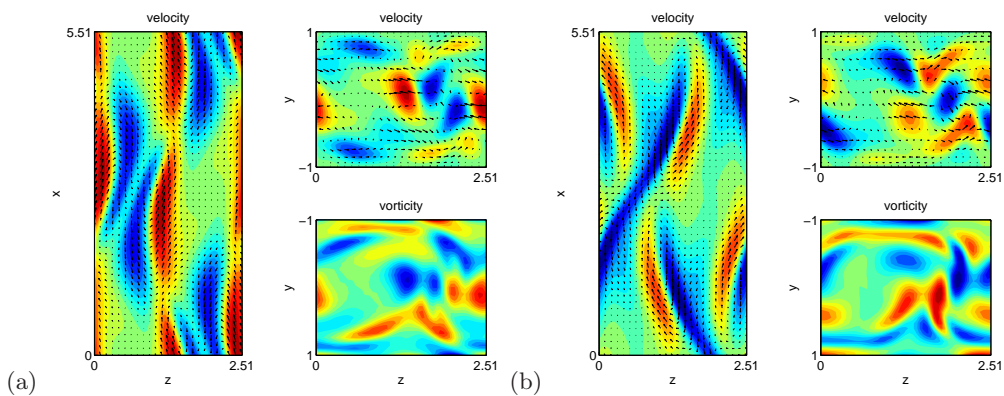


Figure 11: Real-valued eigenfunctions (a) \mathbf{v}_{5+} (b) \mathbf{v}_{5-} for complex pair $\lambda_{5,6} = 0.0152927 \pm 0.344142 i$.

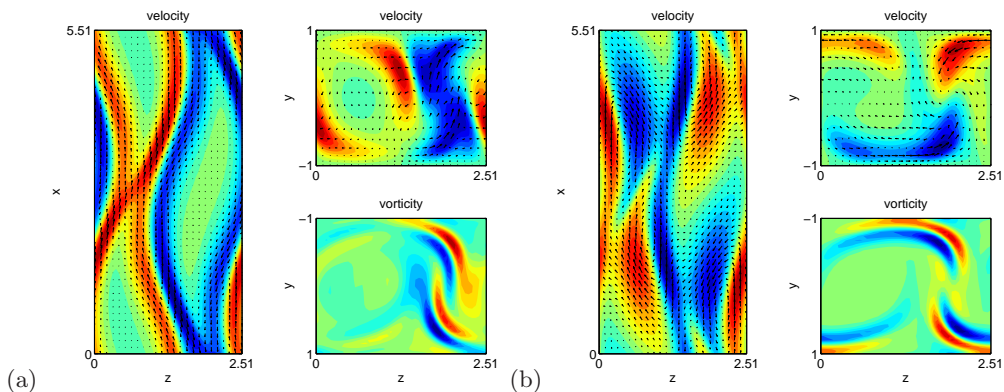


Figure 12: (a) Eigenfunction \mathbf{v}_7 for $\lambda_7 = 0.0106037$. (b) Eigenfunction \mathbf{v}_9 for marginal $\lambda_9 \approx 1e-07$