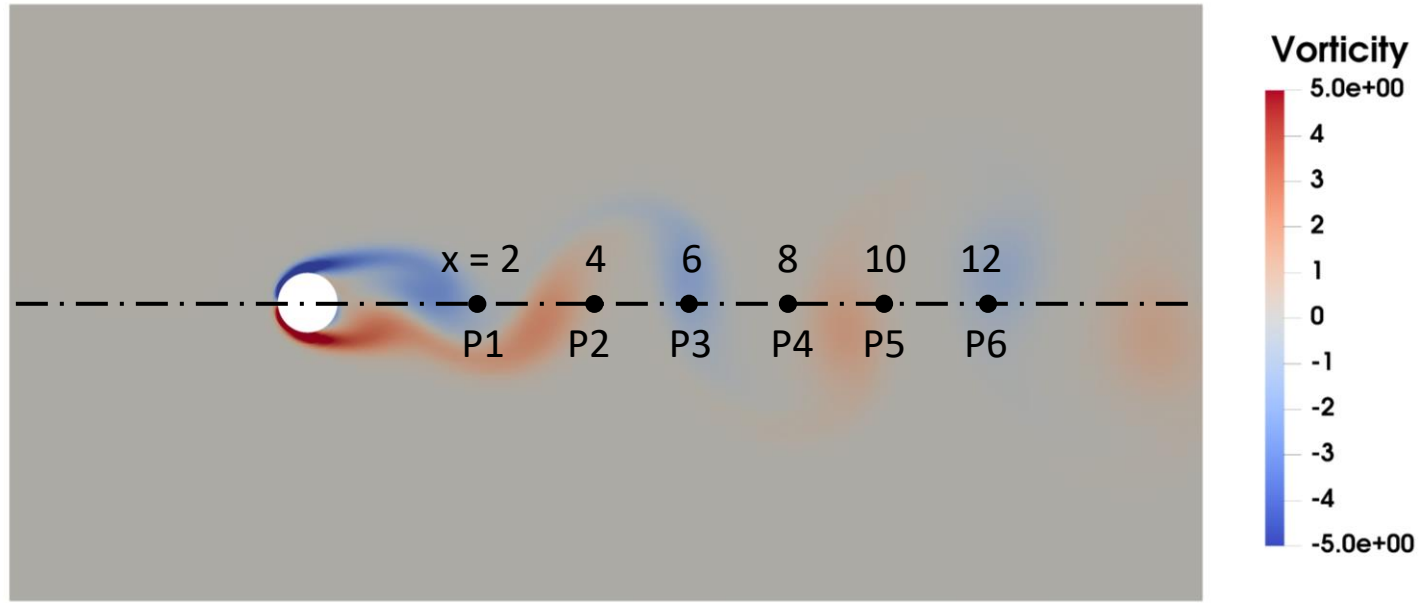


3. 2D DNS of flow past cylinder – Original data

- Monitor points



- Monitoring variables

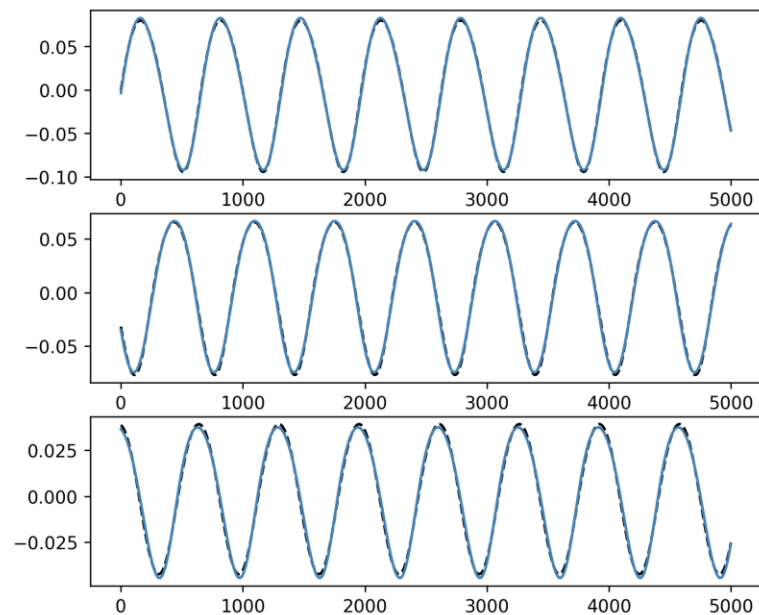
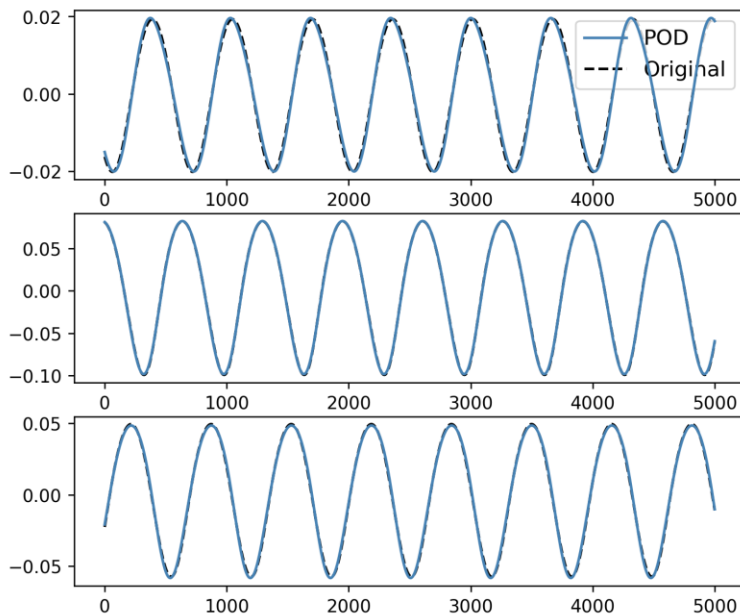
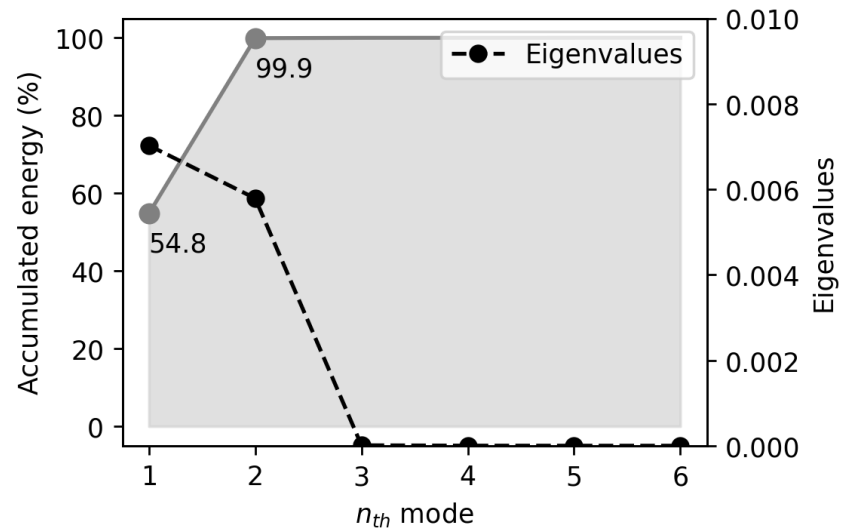
- Velocity u
- Velocity v
- Pressure p
- $dt = 0.005s$

- Possible tasks

- Prediction between variables
- Prediction between locations

3. 2D DNS of flow past cylinder – Reduced-order data

- POD reduced-order data (example at $Re=60$)
- Reconstruct use top 2 modes



POD reconstruction