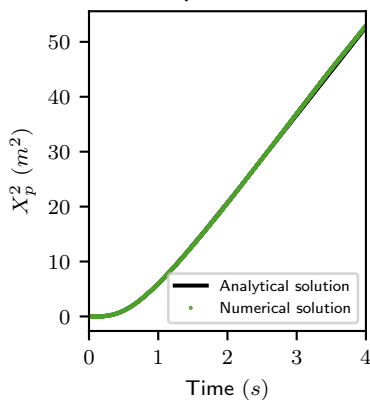
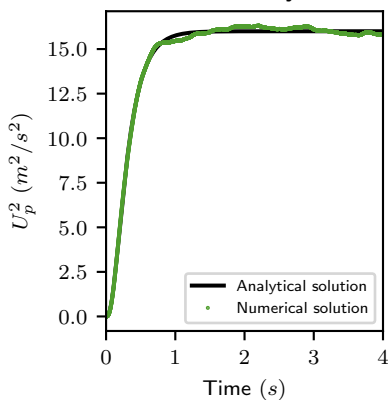


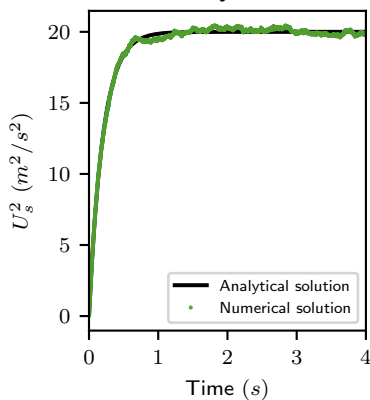
Particle position - Z dir



Particle velocity - Z dir



Fluid velocity seen - Z dir



Velocity covariance - Z dir

