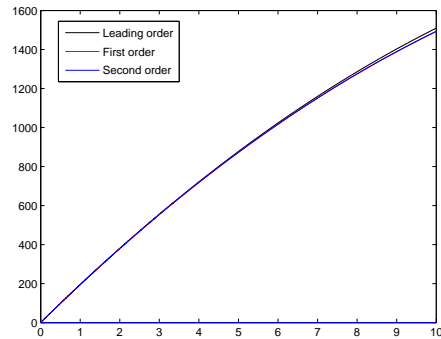
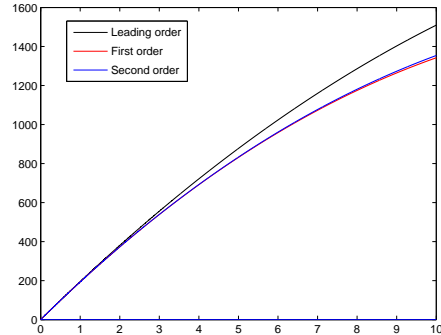


Plots for the projectile with air resistance model

When the air resistance is small, the first and second order corrections are very small – the leading order solution is close to the exact solution:



As the air resistance increases, the leading order solution is no longer adequate:



For a high air resistance, more terms would be needed to get an accurate solution:

