

Figure 1: Mach Number vs Radius

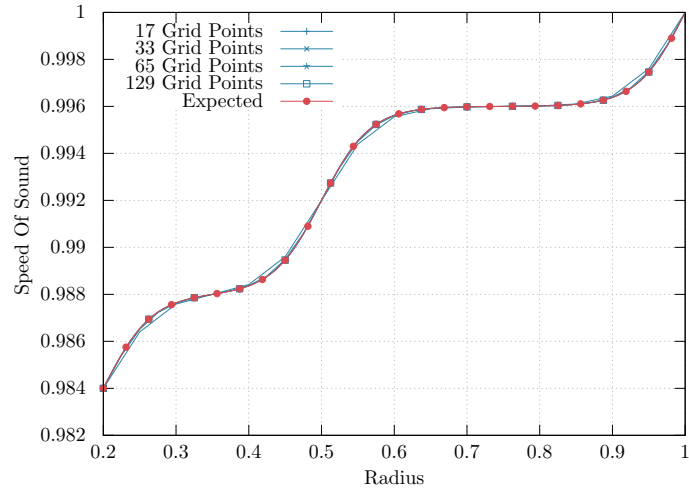


Figure 2: Speed of Sound from Integrating the Tangential Mach Number

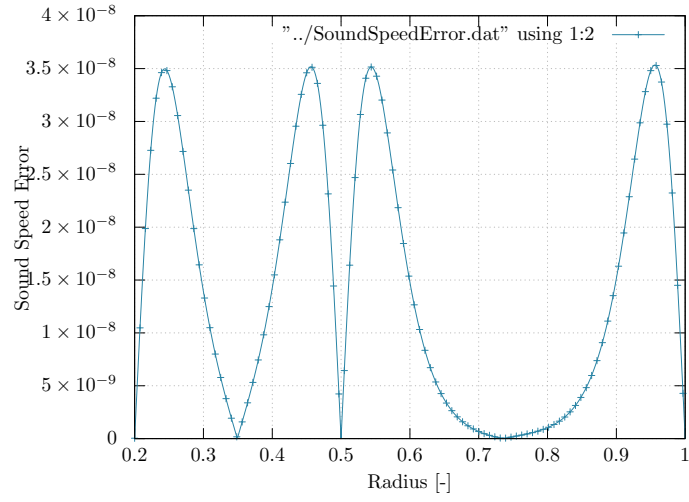


Figure 3: Speed of Sound Expected vs Actual

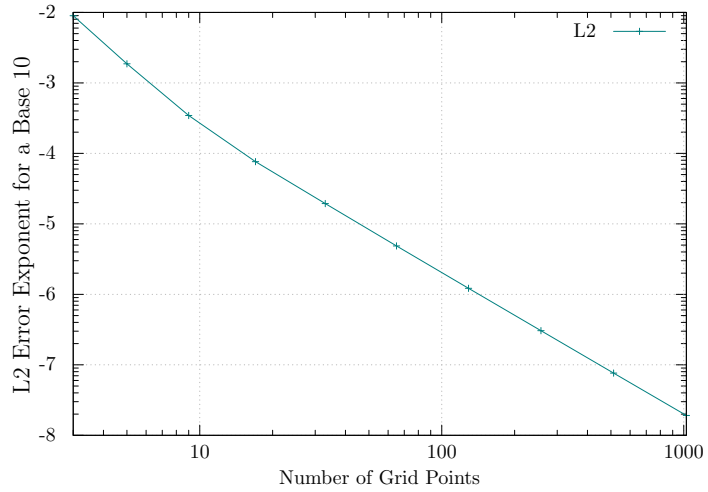


Figure 4: L2 of speed of sound error

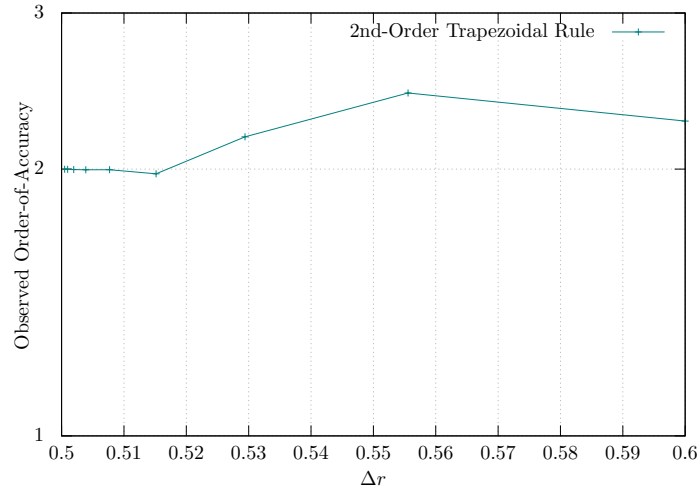


Figure 5: Rate of Convergence for the Speed of Sound Integration

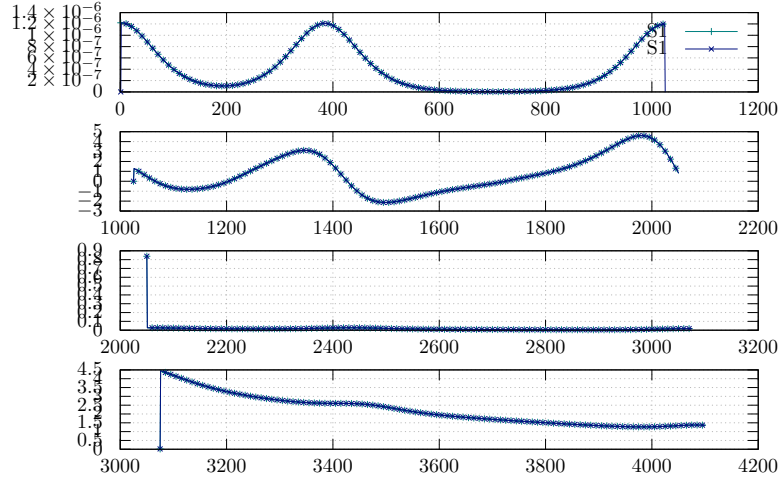


Figure 6: Source Term Error

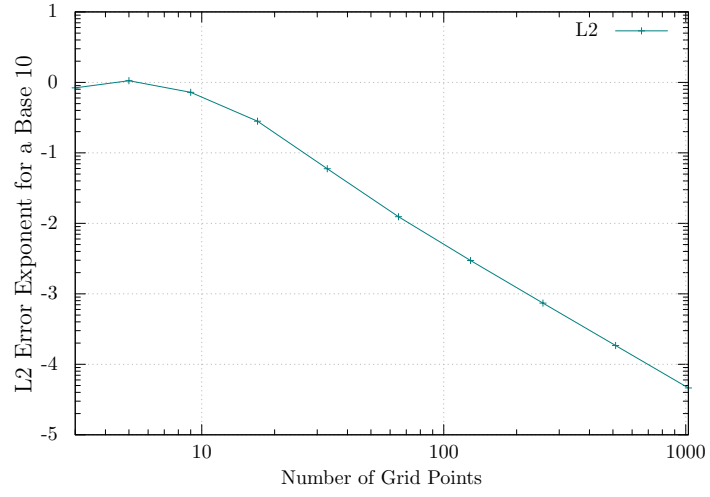


Figure 7: L2 of SourceTerm error

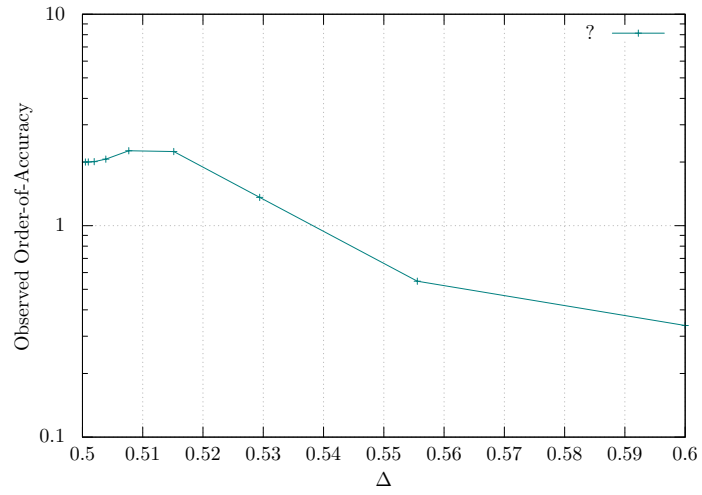


Figure 8: Absolute Value Rate of Convergence for the Source Term