

AME 60636  
Prof. J. M. Powers  
Homework 11  
Due: Friday, 20 April 2012

Consider the reactive Euler equations for a calorically perfect ideal gas as developed in Fickett and Davis's book. Reproduce all results of their Figs. 2.11 and 2.12. Show supporting analysis. Also plot  $P$  versus  $\hat{x}$ , the distance in the wave frame.