

AME 598I  
Prof. J. M. Powers  
Homework 10  
Due: Friday, 11 April 2003

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