

ASEN 5107 Nonlinear Finite Element Methods
Homework 7 on Chapter 16: Overview of Solution Techniques

Due Thursday March 15, 2007

Be sure to attach this sheet as cover to your HW

Do two exercises:

16.1 (computer)

16.2 (computer)

Grading weights: Given at start of exercises.

Any language may be used to do the numerical part of each Exercise and the response plots.

The derivation of K , q and v from r would be less error prone with a symbolic program, but it could be done by hand if you feel adventurous.