

CVEN 305 Honors - Homework #2 Supplemental Problems

- 1) An engineer is often required to solve axial deformation problem and would like to develop a simple program to help perform the calculations. Each problem solved is unique in that the engineer doesn't always know what particular variables (δ , A , L , and P) they will be given. The modulus of elasticity (E) however, does seem to remain constant for each problem. A computer program is needed whereby the engineer can input any three variables and the modulus of elasticity and the fourth will be solved. Solve the problems in homework 2 using your program to check your calculations.

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