

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
ELECTRICAL ENGINEERING DEPARTMENT

EE380 [091] sec # _____

quiz # 7

Name: _____ ID: _____ Grade: _____

Use Routh Hurwitz to find all the roots of the following polynomial.
DO NOT USE CALCULATOR

$$s^7 + s^6 + 2s^5 + 2s^4 - s^3 - s^2 - 2s - 2 = 0$$