# ME 1020 Engineering Programming with MATLAB

Problem 1.19:

**19.** Use MATLAB to find the roots of the polynomial $70x^3 + 24x^2 - 10x + 20$.

```
%Prob. 1-19
disp('Problem 1.19: Scott Thomas')

a=[70,24,-10,20]
roots(a)
```

```
Problem 1.19: Scott Thomas

a =

    70    24    -10    20


ans =

  -0.8771
   0.2671 + 0.5044i
   0.2671 - 0.5044i
```