```
>> clear
>> hw7_demo

leadingLam =

   10.0000


leadingV =

   -4.0825
    4.0825
   -8.1650


smallestLam =

    1.0000


smallestV =

    0.5345
   -0.2673
    0.8018


rqiLam =

    1.0000


rqiV =

    0.5345
   -0.2673
    0.8018


correctEiganvalues =

    9.0000
   10.0000
    1.0000

>>
```