

# Homework Four

## Number One

### Results

>> HW4\_1

The max eigenvalue is 19.884204 and it took 9 iterations to get there.

The min eigenvalue is 3.398538 and it took 6 iterations to get there.

The max eigenvalue I calculated was 19.884204 and the max eigenvalue from inbuilt functions was 19.884236.

The min eigenvalue I calculated was 3.398538 and the min eigenvalue from inbuilt functions was 3.398538.

My calculated and the inbuilt calculated values are the same up to a few decimals.

## Number Two

No.

## Number Three

No.

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