

$\gg A$

A =

| | | | | |
|--------|--------|--------|--------|--------|
| 0.0300 | 0.3133 | 0.3133 | 0.8800 | 0.0300 |
| 0.0300 | 0.0300 | 0.3133 | 0.0300 | 0.0300 |
| 0.8800 | 0.3133 | 0.0300 | 0.0300 | 0.0300 |
| 0.0300 | 0.3133 | 0.0300 | 0.0300 | 0.8800 |
| 0.0300 | 0.0300 | 0.3133 | 0.0300 | 0.0300 |

```
>> pagerank
```

$$V =$$

0.2904
0.1179
0.3102
0.1636
0.1179

```
>> pagerankd
```

$$d =$$

0.0150

$$G =$$

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |

A =

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|---------|
| 0.0150 | 0.8650 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.2983 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.4400 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.2983 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.0150 | 0.8650 | 0.0150 | 0.8650 | 0.0150 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.8650 | 0.0150 | 0.2983 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.2983 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150✓ |
| 0.0150 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.2983 | 0.0150 | 0.0150 | 0.0150 | 0.2983 | 0.0150✓ |
| 0.4400 | 0.0150 | | | | | | |
| 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.8650✓ |
| 0.0150 | 0.8650 | | | | | | |
| 0.4400 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150 | 0.0150✓ |
| 0.4400 | 0.0150 | | | | | | |

```
v =
```

```
0.0334  
0.0216  
0.0292  
0.0233  
0.1915  
0.1843  
0.0233  
0.1297  
0.2349  
0.1290
```

```
>> max(v)
```

```
ans =
```

```
0.2349
```

```
>>
```