

```
EDU>> P = [0.7 0.3; 0.4 0.6]
```

```
P =
```

```
    0.7000    0.3000  
    0.4000    0.6000
```

```
EDU>> a0 = [0.4 0.6]
```

```
a0 =
```

```
    0.4000    0.6000
```

```
EDU>> P2 = P^2
```

```
P2 =
```

```
    0.6100    0.3900  
    0.5200    0.4800
```

```
EDU>> a3 = a0*P^3
```

```
a3 =
```

```
    0.5668    0.4332
```

```
EDU>> Plim = P^20
```

Plim =

0.5714 0.4286

0.5714 0.4286

EDU>> format long

EDU>> Plim

Plim =

0.57142857144351 0.42857142855649

0.57142857140865 0.42857142859135

EDU>>