

```
>  
> library(markovchain)  
Package: markovchain  
Version: 0.8.5-2  
Date: 2020-09-07  
BugReport: https://github.com/spedygiorgio/markovchain/issues
```

```
Attaching package: 'markovchain'
```

```
The following object is masked from 'package:lubridate':
```

```
period
```

```
>  
>  
>
```

```
>
> transitionmat1<-
+   new("markovchain",
+       states=statesmatrix1,
+       transitionMatrix=Matrix2)
>
> transitionmat1
Unnamed Markov chain
A 7 - dimensional discrete Markov Chain defined by the following states:
A, B, C, D, E, F, G
The transition matrix (by rows) is defined as follows:
  A      B      C      D      E      F      G
A 0.00 0.5000 0.5000 0.0000 0.0000 0.0000 0.0000
B 0.25 0.0000 0.2500 0.0000 0.2500 0.0000 0.2500
C 0.25 0.2500 0.0000 0.2500 0.0000 0.2500 0.0000
D 0.00 0.0000 0.5000 0.0000 0.5000 0.0000 0.0000
E 0.00 0.3333 0.0000 0.3333 0.0000 0.3333 0.0000
F 0.00 0.0000 0.3333 0.0000 0.3333 0.0000 0.3333
G 0.00 0.5000 0.0000 0.0000 0.0000 0.5000 0.0000

>
.
```

```
>
> markovchain::absorbingStates(transitionmat1)
character(0)
>
> markovchain::steadyStates(transitionmat1)
      A      B      C      D      E      F      G
[1,] 0.1 0.2 0.2 0.1 0.15 0.15 0.1
>
>
>
```