

mat

```
      [,1] [,2] [,3] [,4] [,5] [,6]
[1,] 0.000000 0.000000 0.000000 0.000000 0.000000 0
[2,] 4.511642 0.000000 0.000000 0.000000 0.000000 0
[3,] 6.220764 7.910908 0.000000 0.000000 0.000000 0
[4,] 1.781259 4.260873 7.130602 0.000000 0.000000 0
[5,] 14.882021 15.763921 17.033689 16.934045 0.000000 0
[6,] 1.458196 4.215254 5.175153 1.189048 15.96642 0
>
```