```
>> M = [0 1 1 0 1 0; 1 0 1 1 1 1; 0 0 0 0 0 1; 1 1 1 0 1 1; 0 1 0 1 0 1; 1 1 1 1 1 0]

M =

     0     1     1     0     1     0
     1     0     1     1     1     1
     0     0     0     0     0     1
     1     1     1     0     1     1
     0     1     0     1     0     1
     1     1     1     1     1     0

>> [rows, cols] = size(M)

rows =

     6


cols =

     6

>> dim = rows

dim =

     6

>> p = 0.85

p =

    0.8500

>> colSums = sum(M, 1)

colSums =

     3     4     4     3     4     4

>> numLinks = find(colSums ~= 0)

numLinks =

     1     2     3     4     5     6

>> D = sparse(numLinks, numLinks, 1./ colSums(numLinks), rows, cols)

D =

   (1,1)       0.3333
```

```
   (2,2)       0.2500
   (3,3)       0.2500
   (4,4)       0.3333
   (5,5)       0.2500
   (6,6)       0.2500

>> I = speye(rows, cols)

I =

   (1,1)        1
   (2,2)        1
   (3,3)        1
   (4,4)        1
   (5,5)        1
   (6,6)        1

>> e = ones(cols, 1)

e =

     1
     1
     1
     1
     1
     1

>> x = mldivide((I - p * M * D), e)

x =

    4.9052
    8.5961
    2.8267
    8.1216
    6.9544
    8.5961

>> x = x/ sum(x)

x =

    0.1226
    0.2149
    0.0707
    0.2030
    0.1739
    0.2149

>>
```