```
>> A=[5 -3 1;2 4 -1;2 -3 8];
>> b=[5 6 4]';
>> x=[1 1 1]';
>> iter=20;
>> tol=0.0001;
>> JacobiMet(A,b,x,iter,tol,inf)

ans =

    1.0000    1.4000    1.2500    0.6250    0.4000
    2.0000    1.6250    0.9563    0.6188    0.2937
    3.0000    1.4500    0.8422    0.4523    0.1750
    4.0000    1.4148    0.8881    0.4533    0.0459
    5.0000    1.4422    0.9059    0.4793    0.0273
    6.0000    1.4477    0.8987    0.4792    0.0072
    7.0000    1.4434    0.8960    0.4751    0.0043
    8.0000    1.4425    0.8971    0.4751    0.0011
    9.0000    1.4432    0.8975    0.4758    0.0007
   10.0000    1.4434    0.8973    0.4758    0.0002
   11.0000    1.4432    0.8973    0.4757    0.0001

>>
```