```
iterMeth
```

n =

17

xkPlus =

1.0000e+00

2.0000e+00

3.0000e+00

ans =

20×4 table

Ν

cJ

0.0000e+00	Inf	Inf Inf	
1.0000e+00	3.0000e-01	2.7528e-01	2.7030e-01
2.0000e+00	2.5000e-01	2.5000e-01	2.4618e-01
3.0000e+00	5.0000e-01	1.2500e-01	3.4919e-02
4.0000e+00	2.5000e-01	1.2500e-01	6.3685e-02
5.0000e+00	5.0000e-01	1.2500e-01	3.4146e-02
6.0000e+00	2.5000e-01	1.2500e-01	4.8894e-02
7.0000e+00	5.0000e-01	1.2500e-01	3.3888e-02
8.0000e+00	2.5000e-01	1.2500e-01	0.0000e+00
9.0000e+00	5.0000e-01	1.2500e-01	0.0000e+00
1.0000e+01	2.5000e-01	0.0000e+00	0.0000e+00
1.1000e+01	5.0000e-01	0.0000e+00	0.0000e+00
1.2000e+01	2.5000e-01	0.0000e+00	0.0000e+00

cGS

cSOR

```
5.0000e-01
1.3000e+01
                       0.0000e+00
                                   0.0000e+00
1.4000e+01
           2.5000e-01
                       0.0000e+00
                                   0.0000e+00
            5.0000e-01
                       0.0000e+00
1.5000e+01
                                   0.0000e+00
            2.5000e-01
                       0.0000e+00
1.6000e+01
                                  0.0000e+00
1.7000e+01
           0.0000e+00 0.0000e+00 0.0000e+00
0.0000e+00
           0.0000e+00
                        0.0000e+00
                                    0.0000e+00
0.0000e+00
           0.0000e+00
                        0.0000e+00 0.0000e+00
```

the asymptotic error constant is smaller for Gauss-Seidel versus Jacobian iteration methods, and the same for SOR over Gauss-Seidel