
Gauss Algorithm

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Exercise sheet 2

Performance test of Gauss-Rank1 Algorithm

```
A = toeplitz(3*666:-1:1);  
B = A;  
  
tic;  
B = gaussRank1(B);  
toc  
  
L = eye(size(B)) + tril(B, -1);  
U = triu(B);  
  
norm(A - L*U)  
  
Elapsed time is 23.076962 seconds.  
  
ans =  
  
1.1987e-10
```

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