```
>> n1=100;
>> f1=rand(1,n1);
>> plot(f1)
>> subplot(2,2,1), plot(f1)
>> Rff1=xcorr(f1,f1);
>> subplot(2,2,2), plot(Rff1)
>> n2=1000;
>> f2=rand(1,n2);
>> plot(f2);
>> subplot(2,2,2), plot(Rff1)
>> subplot(2,2,3), plot(f2)
>> Rff2=xcorr(f2,f2);
>> plot(Rff2);
>> subplot(2,2,3), plot(f2)
>> subplot(2,2,4), plot(Rff2)
```