
```
N_x = 28;  
n = 0:N_x-1;
```

```
x_n = 0.9.^n;
```

```
N_1 = N_x/4;  
N_2 = N_x/2;  
N_3 = N_x;  
N_4 = 2*N_x;
```

```
X1 = fft(x_n,N_1);  
X2 = fft(x_n,N_2);  
X3 = fft(x_n,N_3);  
X4 = fft(x_n,N_4);
```

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