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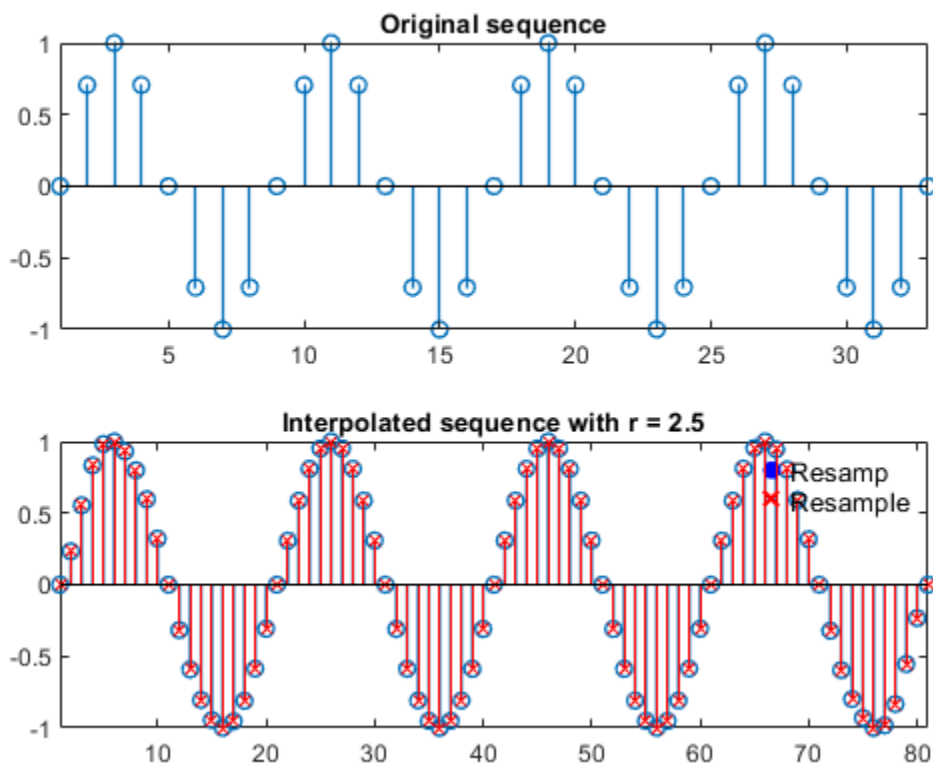
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Lab 7 - Resampling

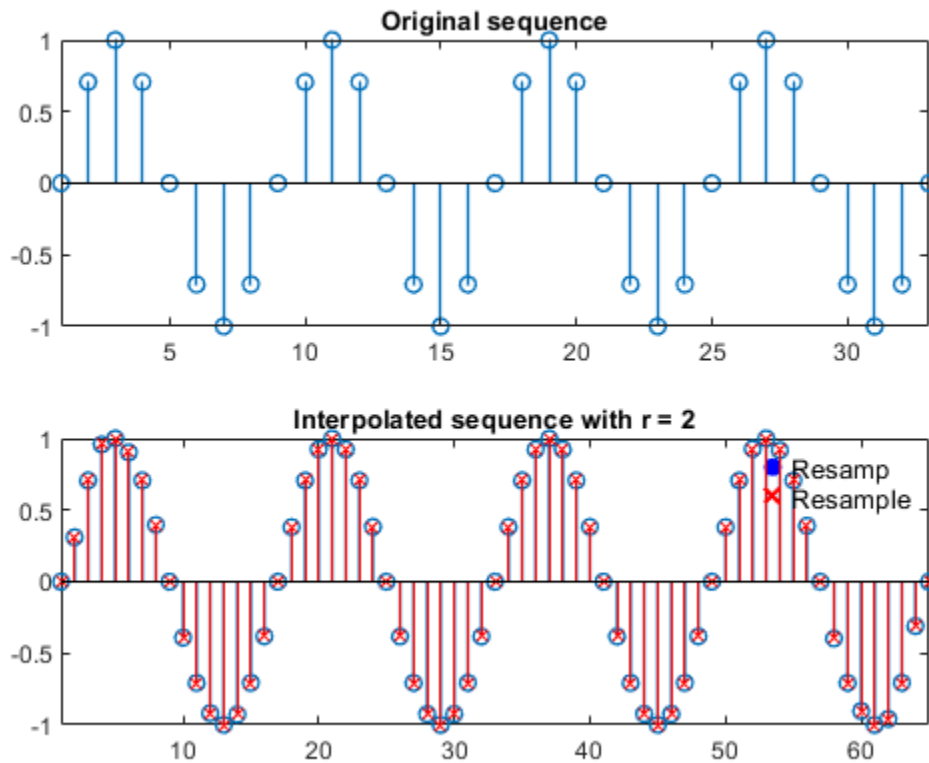
Testing resampling of a sin at $(5/2)fs$

```
x = sin(2 * pi * (0:32) / 8);  
test_resamp(x, 2.5);
```



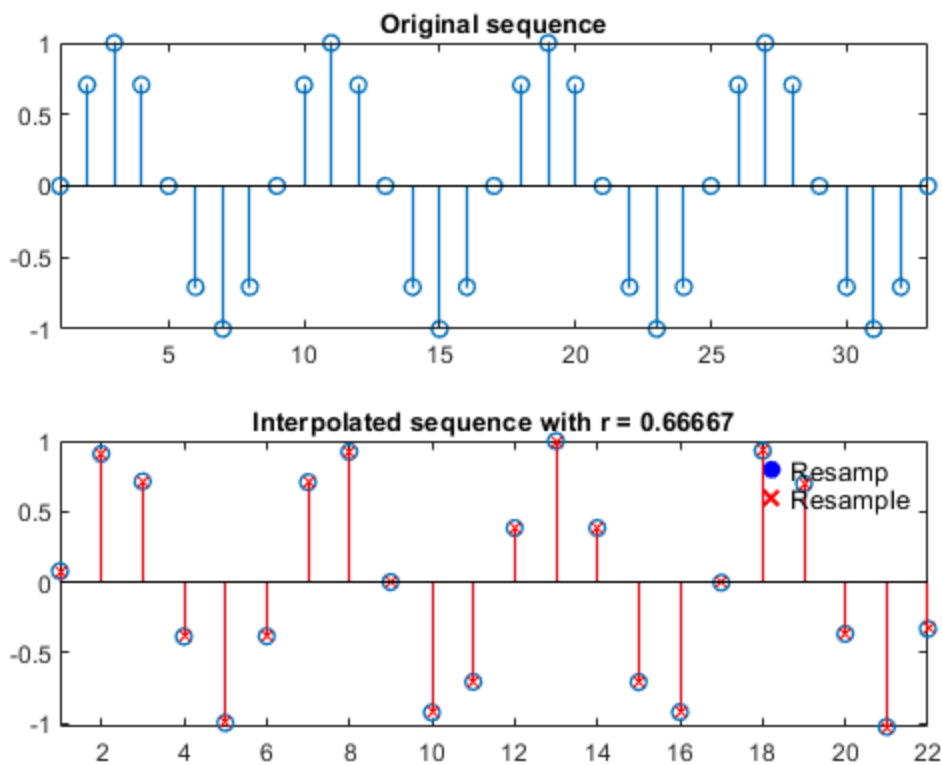
Testing resampling of a sin at 2fs

```
test_resamp(x, 2);
```



Testing resampling of a sin at (2/3)fs

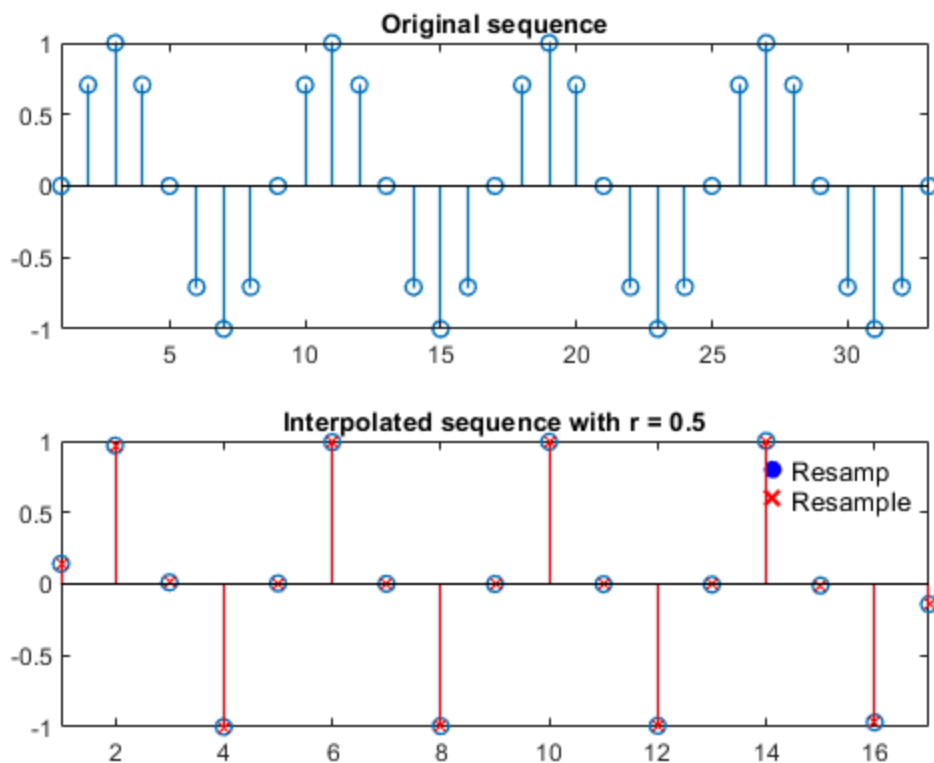
```
test_resamp(x, 0.666667);
```



Testing resampling of a sin at $(1/2)f_s$

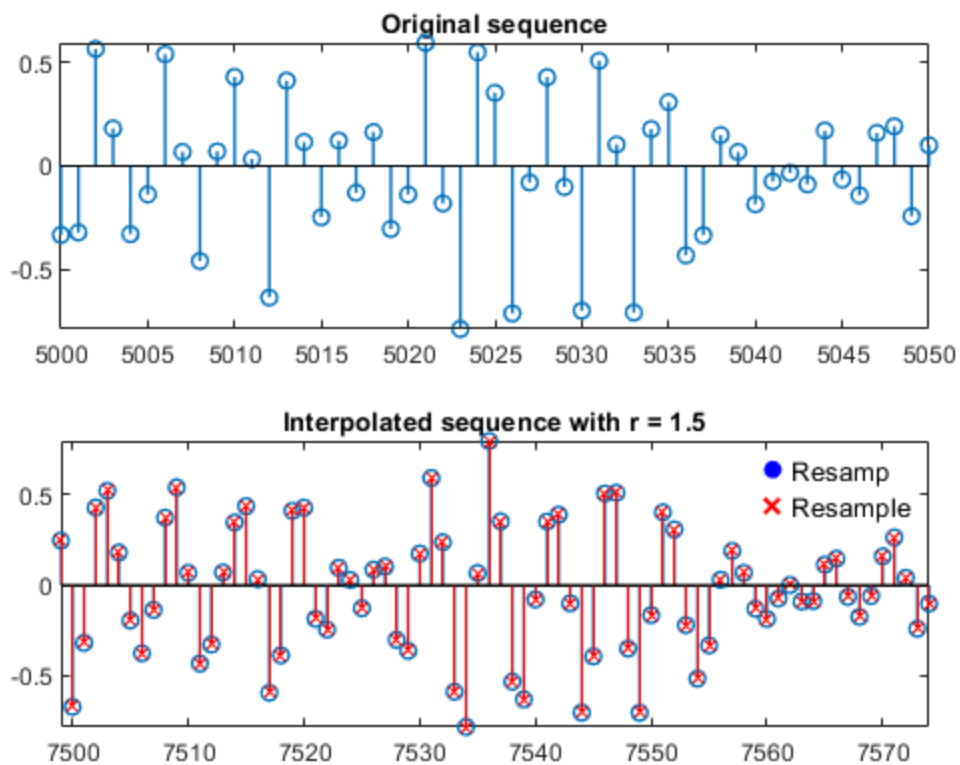
```
test_resamp(x, 0.5);
```

```
% Make sure that you have the file 'seashell.wav' in your directory  
[x, fs] = audioread('seashell.wav');
```



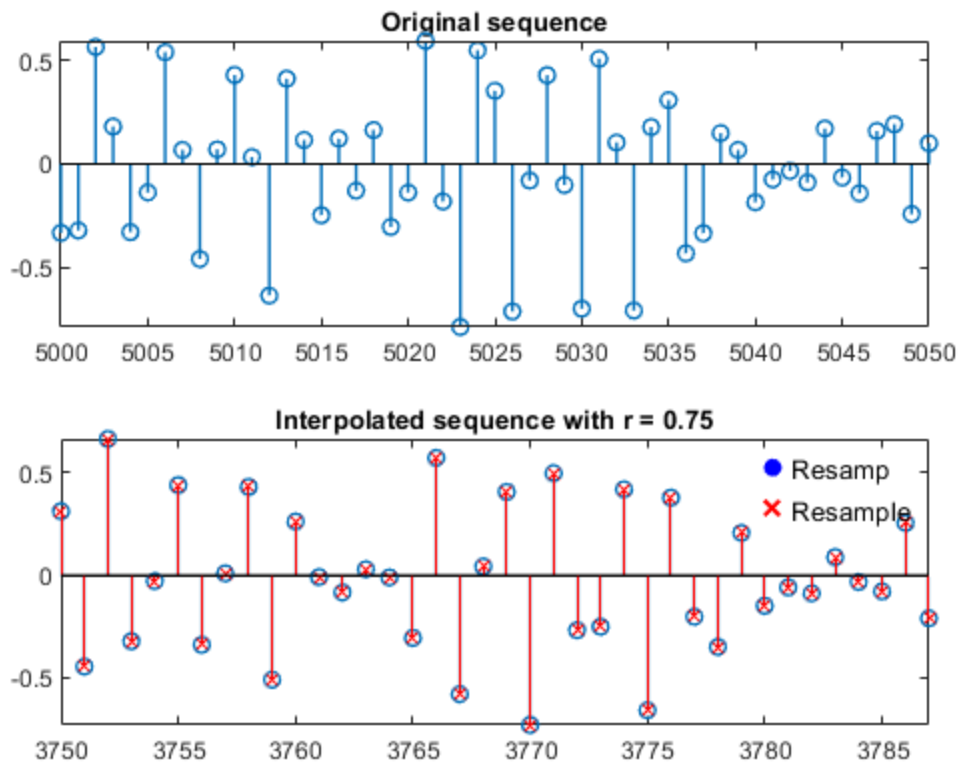
Testing resampling of 'seashell' at $(3/2)fs$

```
test_resamp(x, 1.5, 5000, 5050);
```



Testing resampling of 'seashell' at $(3/4s)fs$

```
test_resamp(x, 0.75, 5000, 5050);
```



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