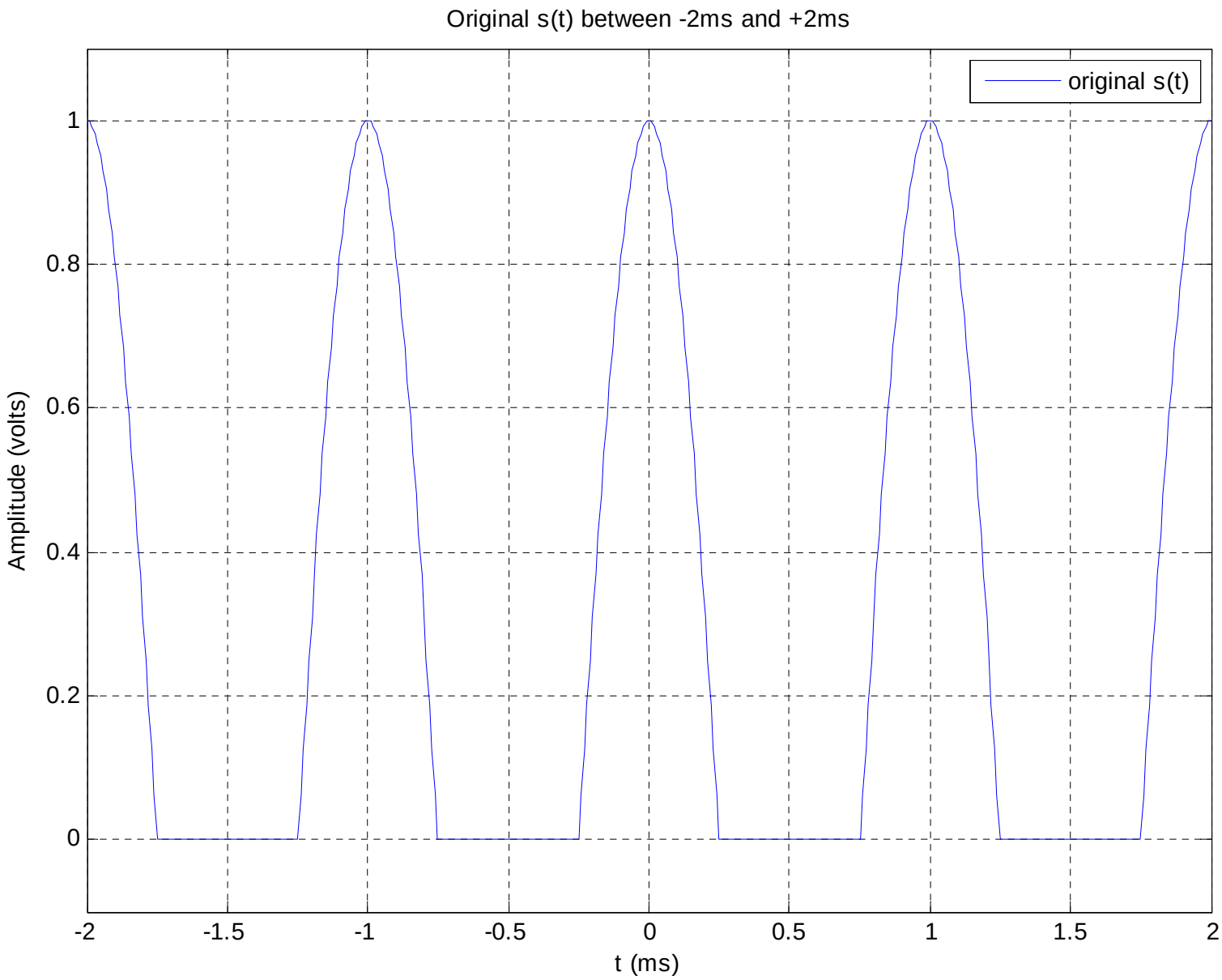
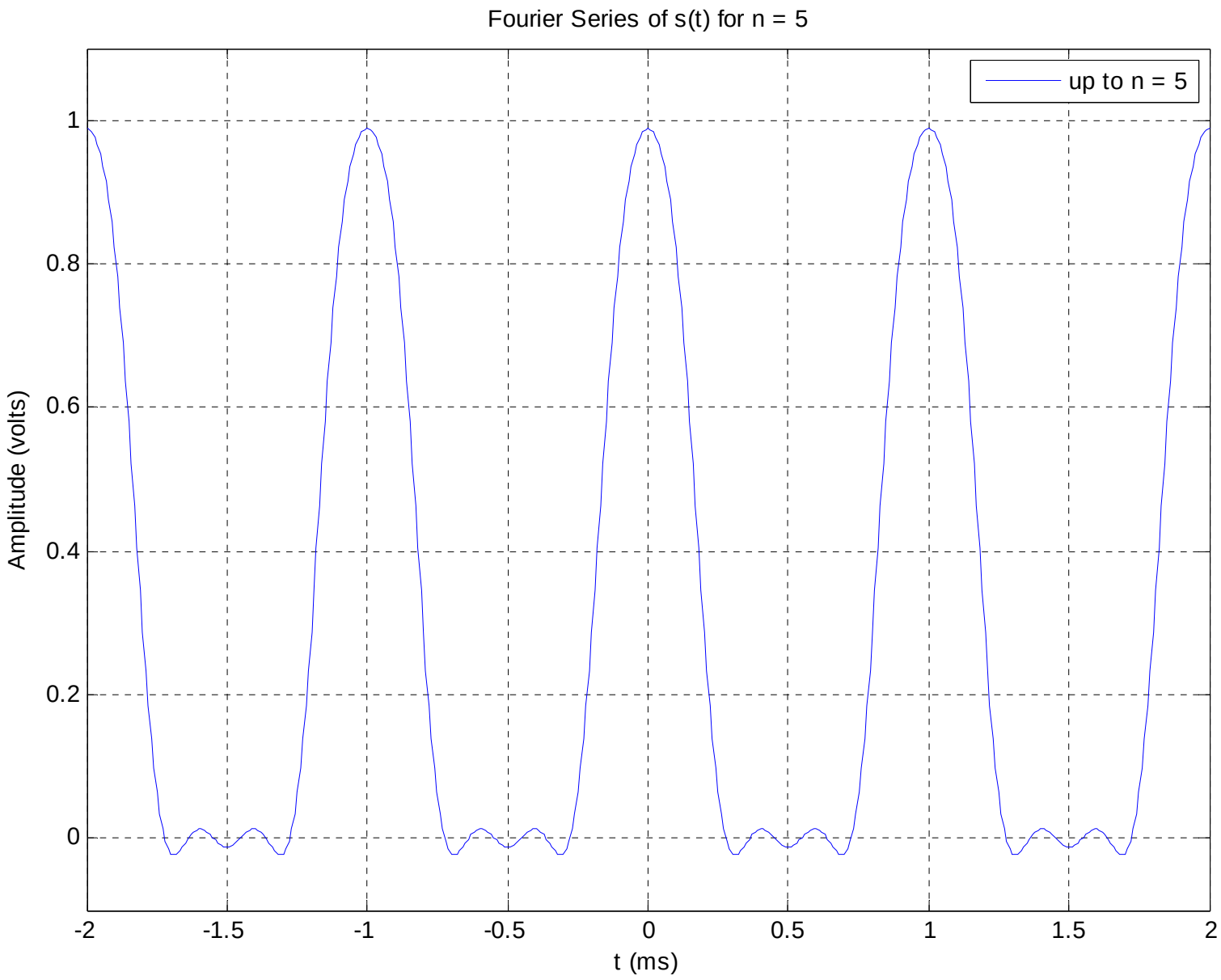
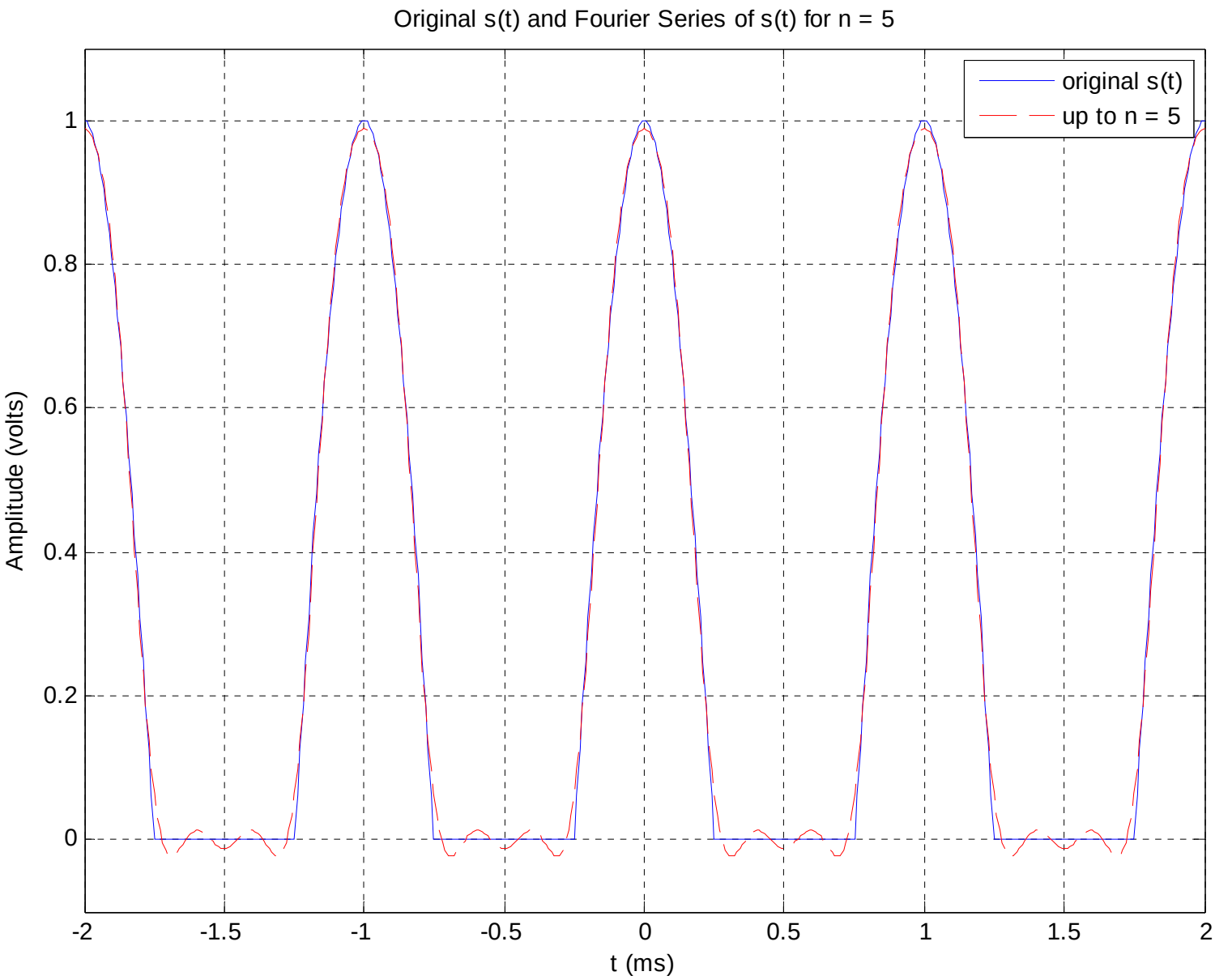
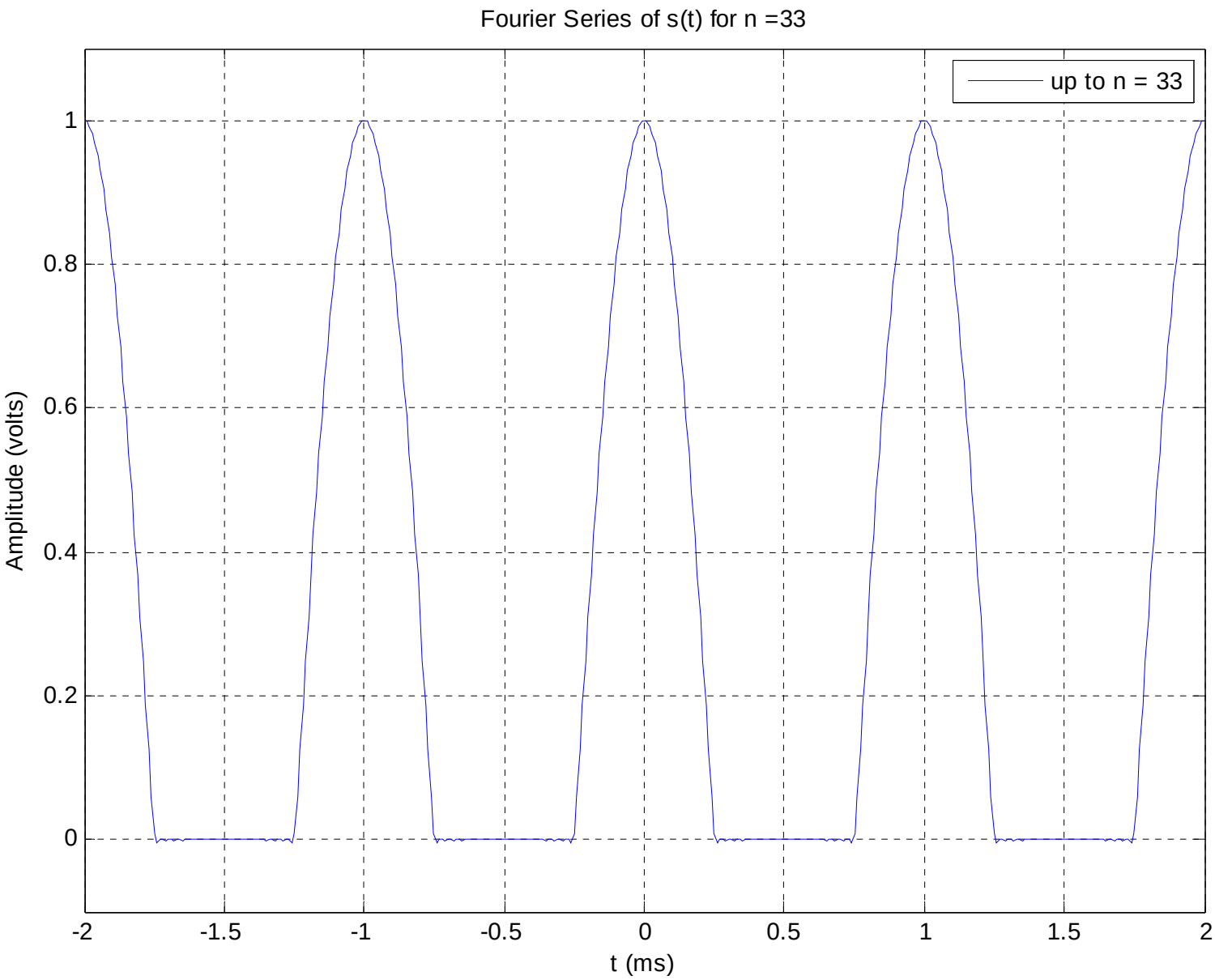
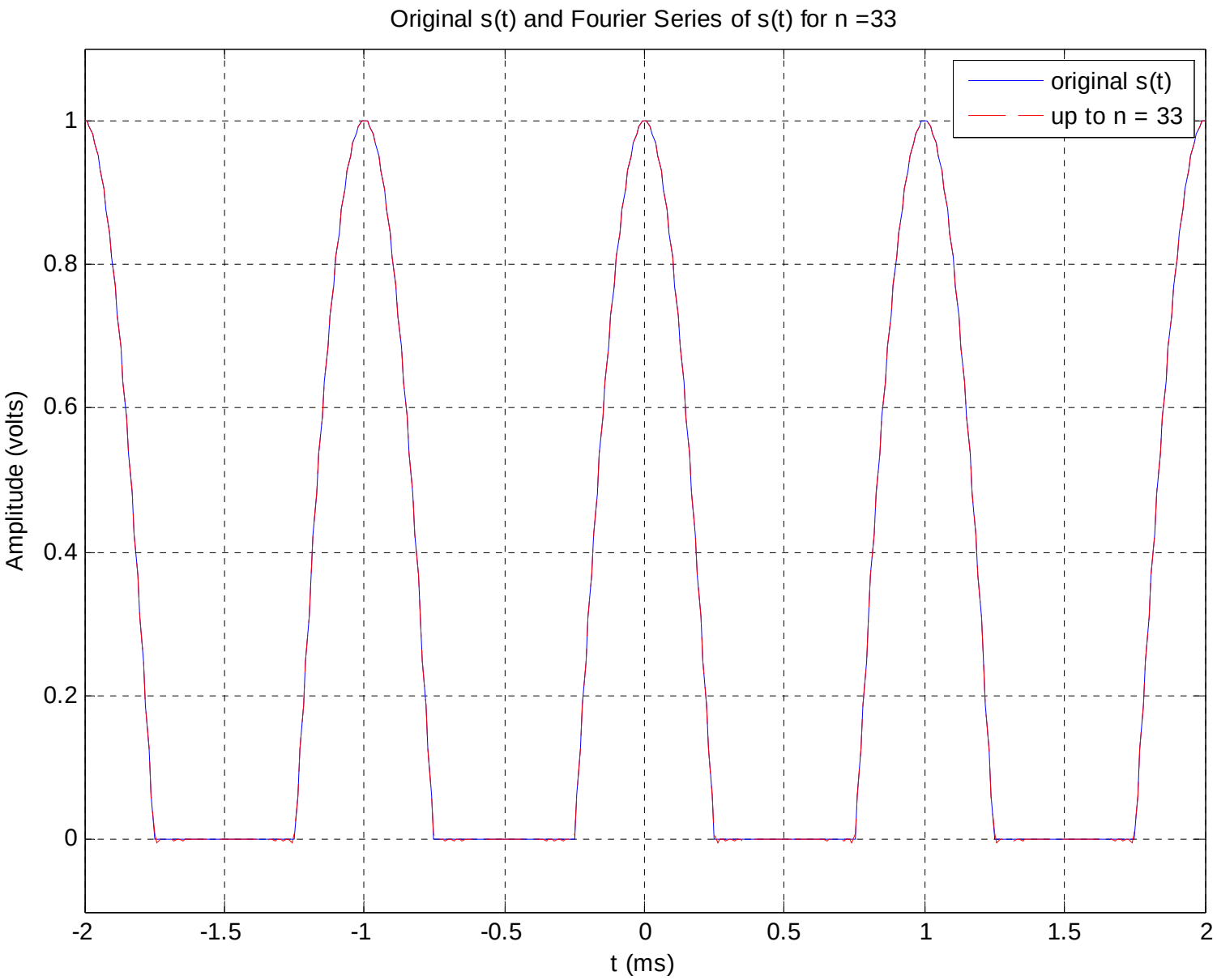

Original s(t) between -2ms and +2ms
original s(t)
Amplitude (volts)
1
0.8
0.6
0.4
0.2
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
t (ms)


Fourier Series of s(t) for n = 5
up to n = 5
Amplitude (volts)
1
0.8
0.6
0.4
0.2
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
t (ms)


Original s(t) and Fourier Series of s(t) for n = 5
original s(t)
up to n = 5
Amplitude (volts)
t (ms)
1
0.8
0.6
0.4
0.2
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2


Fourier Series of s(t) for n =33
up to n = 33
Amplitude (volts)
t (ms)
1
0.8
0.6
0.4
0.2
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2


Original s(t) and Fourier Series of s(t) for n =33
original s(t)
up to n = 33
Amplitude (volts)
t (ms)
1
0.8
0.6
0.4
0.2
0
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2