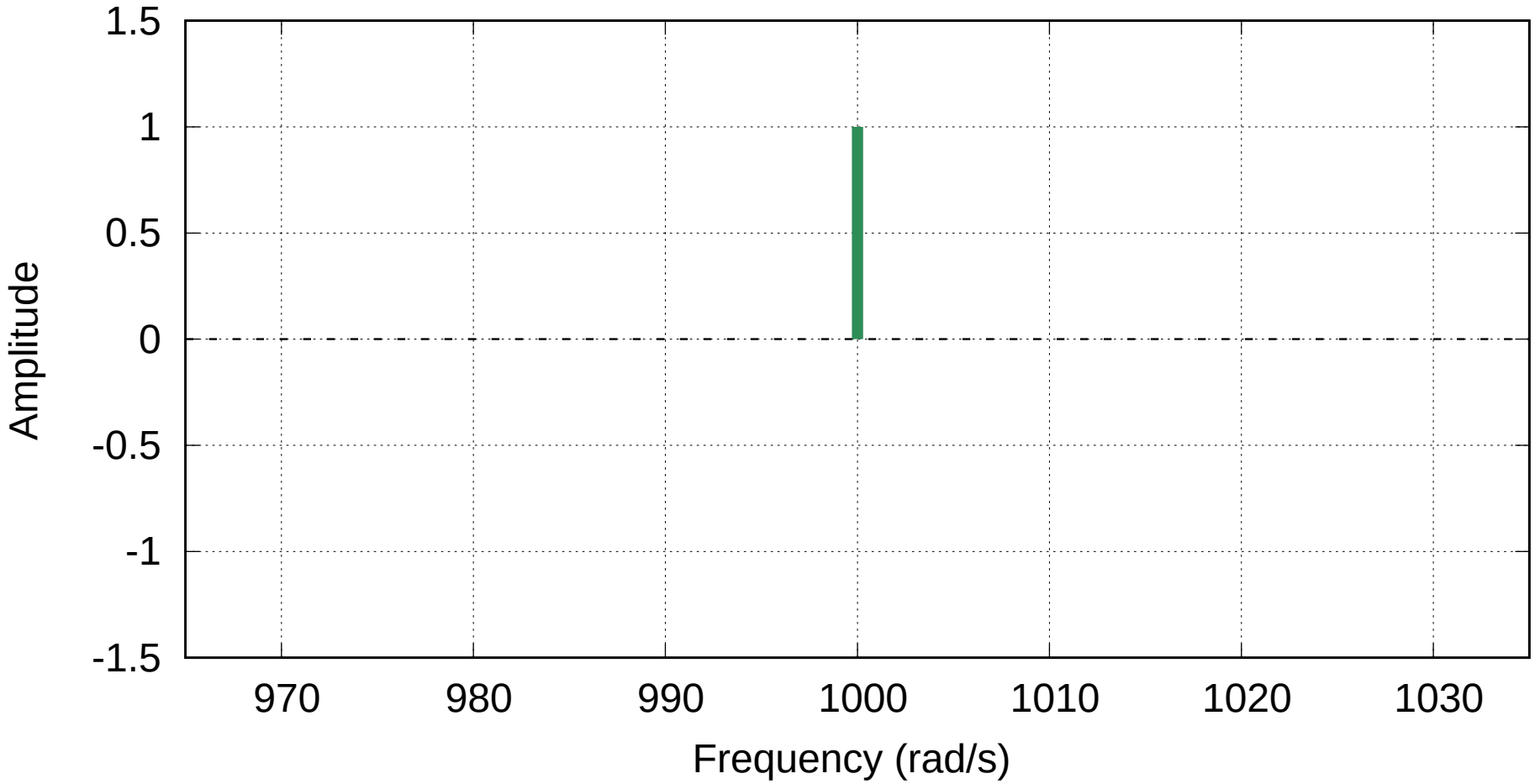
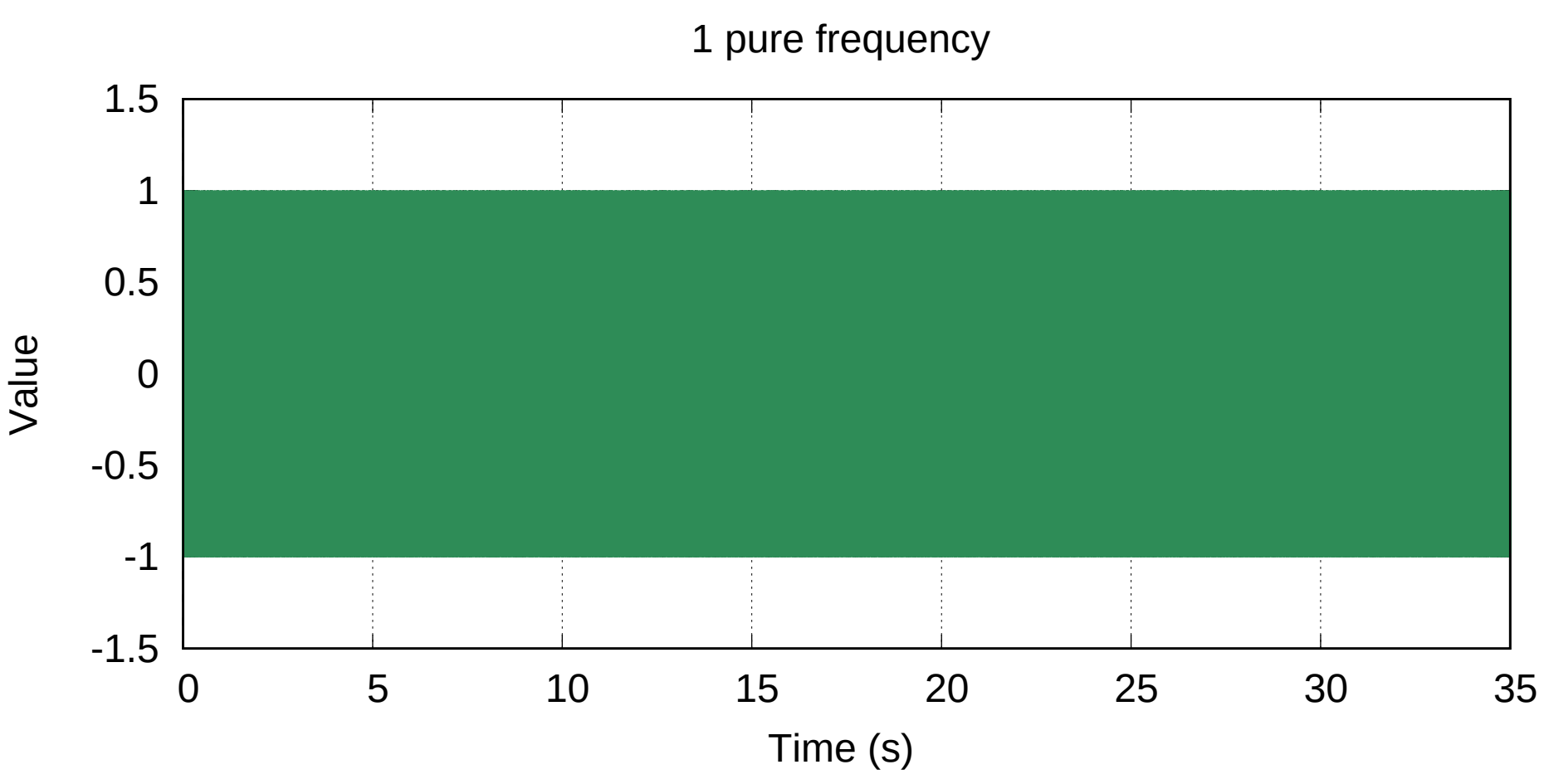

1.5
1
0.5
0
-0.5
-1
-1.5
Amplitude
970
980
990
1000
1010
1020
1030
Frequency (rad/s)


1 pure frequency
1.5
1
0.5
0
-0.5
-1
-1.5
Value
0
5
10
15
20
25
30
35
Time (s)