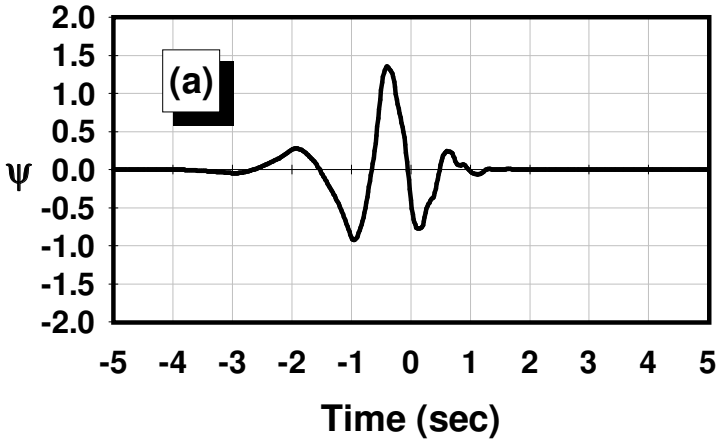
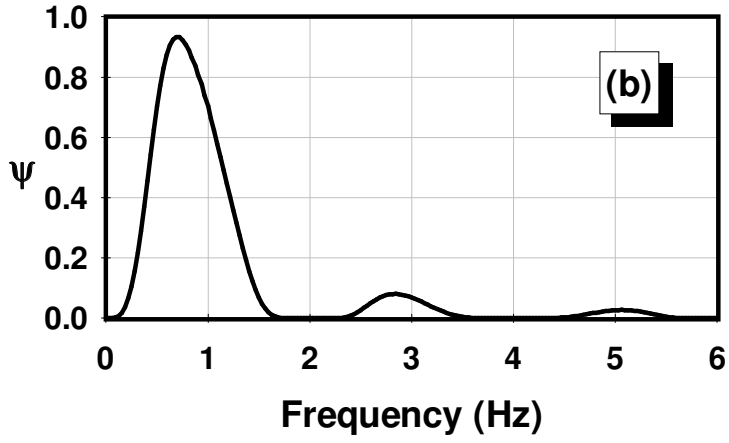
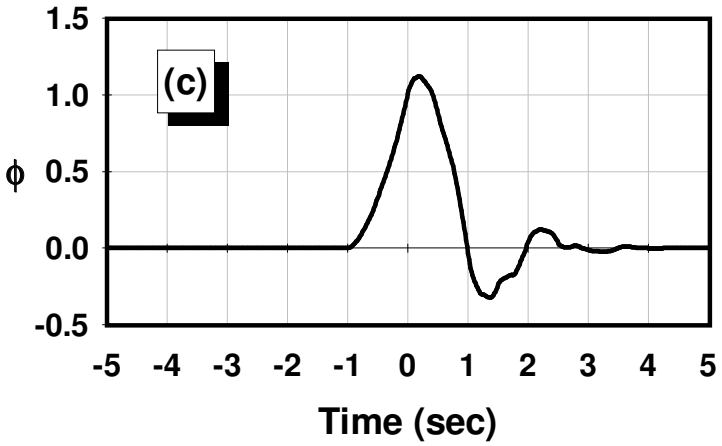
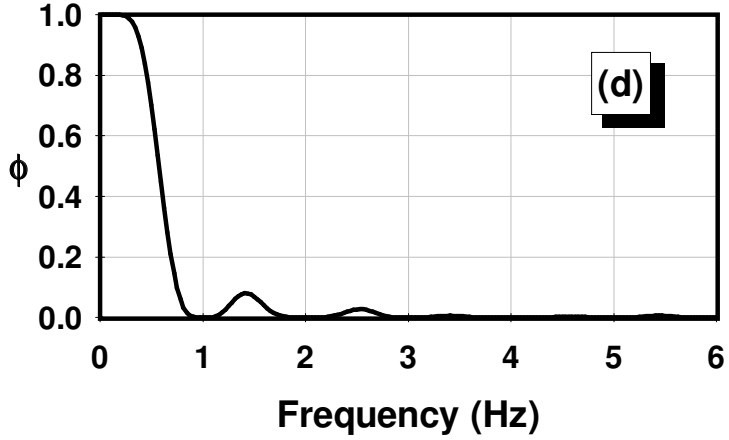

(a)
ψ
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
-5 -4 -3 -2 -1 0 1 2 3 4 5
Time (sec)


(b)
ψ
1.0
0.8
0.6
0.4
0.2
0.0
0 1 2 3 4 5 6
Frequency (Hz)


(c)
ϕ
1.5
1.0
0.5
0.0
-0.5
-5 -4 -3 -2 -1 0 1 2 3 4 5
Time (sec)


(d)
ϕ
1.0
0.8
0.6
0.4
0.2
0.0
0 1 2 3 4 5 6
Frequency (Hz)