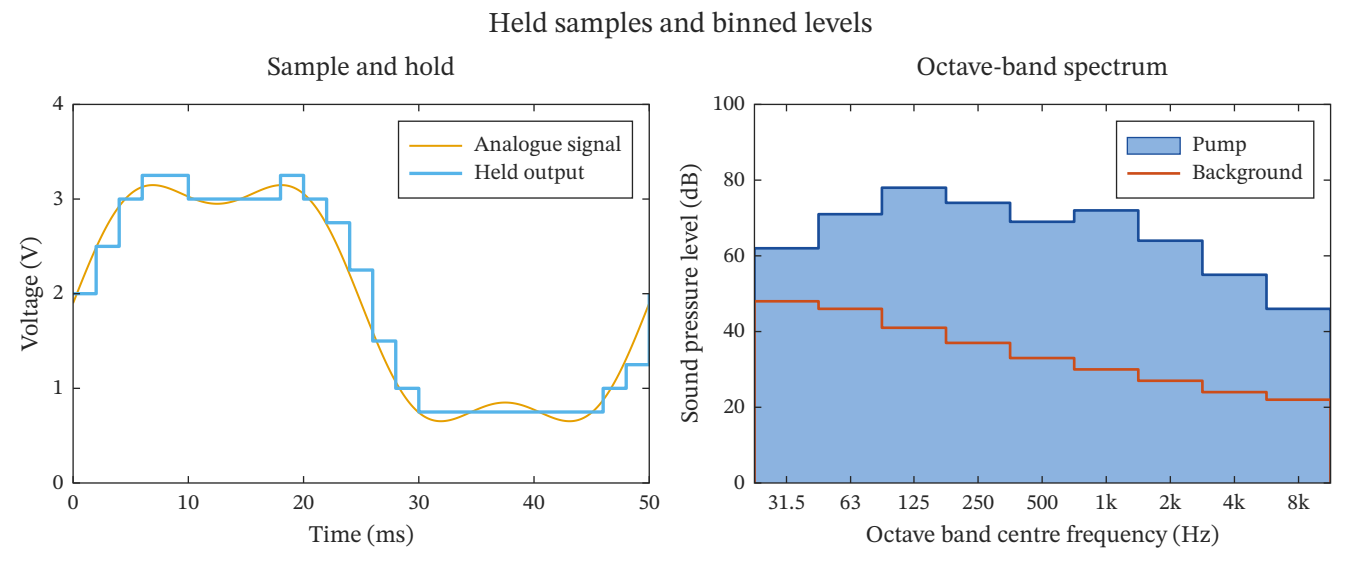

Held samples and binned levels
Sample and hold
Analogue signal
Held output
Voltage (V)
Time (ms)
0
1
2
3
4
0
10
20
30
40
50
Octave-band spectrum
Pump
Background
Sound pressure level (dB)
Octave band centre frequency (Hz)
0
20
40
60
80
100
31.5
63
125
250
500
1k
2k
4k
8k