Top panel — y-axis: synthesized amplitude (1.0, 0.5, 0.0, −0.5, −1.0); x-axis: time Δ, samples Λ or $i \rightarrow$

Legend: sinusoid · sawtooth · triangular · square

Bottom panel — y-axis: sampled amplitude (1.0, 0.5, 0.0, −0.5, −1.0)

Legend: sampled real sound · oboe 440Hz note period