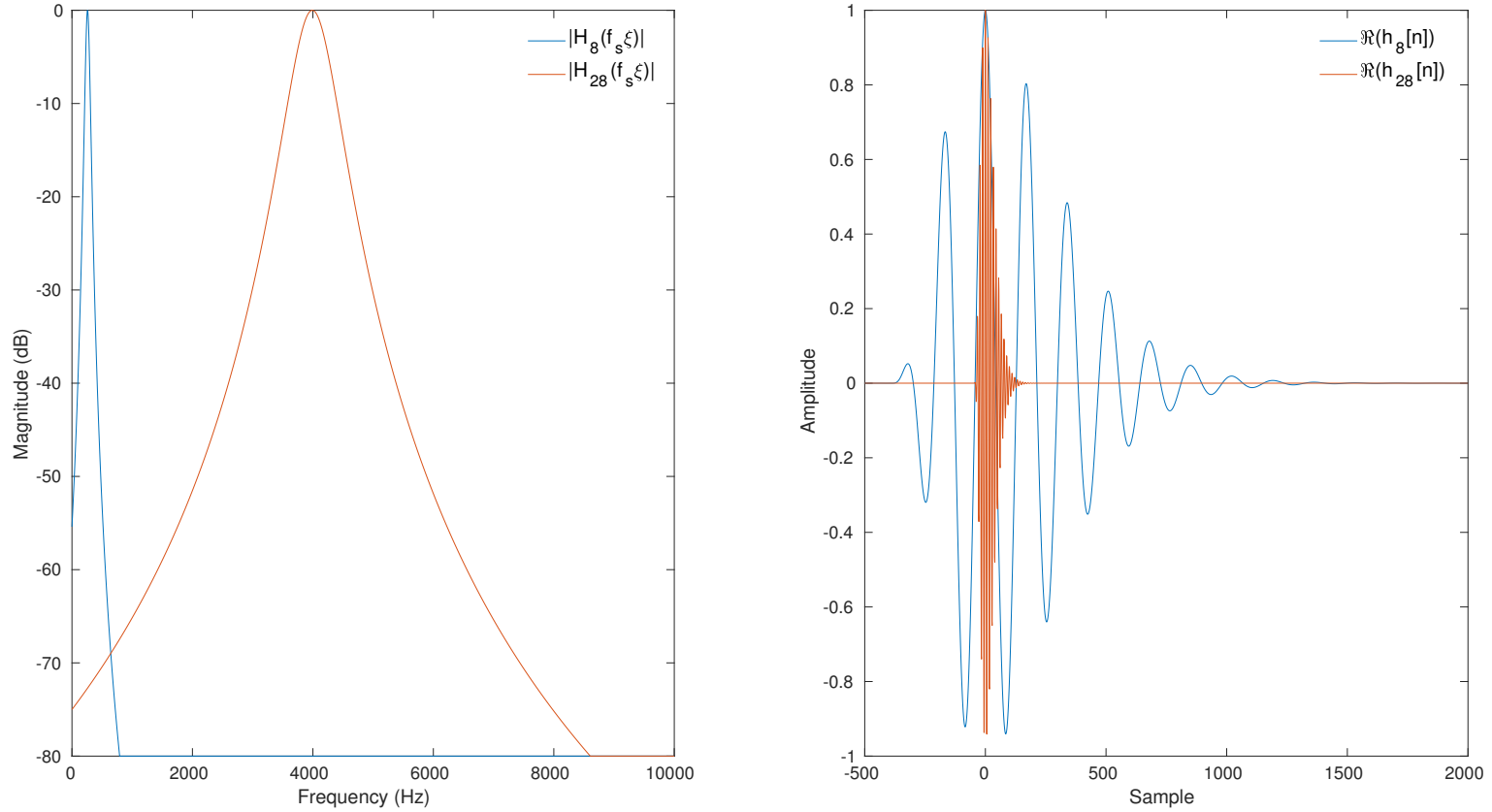Figure S2

Figure 2: Left: Magnitude response (in dB) of $|H_8(f_s\xi)|$ (blue) with $f_8 \approx 258$ Hz and $|H_{28}(f_s\xi)|$ (red) with $f_{28} \approx 4000$ Hz as a function of frequency. Right: Real part of the impulse response of $h_8[n]$ (blue) and $h_{28}[n](red)$. To align the phase of the cosine with the peak of the envelope and align the peaks of the envelopes of the impulse responses, a phase correction $e^{2\pi i t_k \xi}$ was applied to $H_{GT,\gamma,\alpha}(e^{2i\pi\xi})$ [40]. The variable t_k is the time position of the peak of the envelope in the k-th channel. As a result, all impulse responses peak at $n = 0$.