

[Accelerate](#) / Biquadratic IIR filters


API Collection

Biquadratic IIR filters

Apply biquadratic filters to single-channel and multichannel data.

Topics




Biquadratic IIR Filters

-  Equalizing audio with discrete cosine transforms (DCTs)
Change the frequency response of an audio signal by manipulating frequency-domain data.

`struct Biquad`
A single- or double-precision biquadratic filter.

See Also

Audio Processing

-  Visualizing sound as an audio spectrogram
Share image data between `vDSP` and `UIImage` to visualize audio that a device microphone captures.
-  Applying biquadratic filters to a music loop
Change the frequency response of an audio signal using a cascaded biquadratic filter.
-  Equalizing audio with discrete cosine transforms (DCTs)
Change the frequency response of an audio signal by manipulating frequency-domain data.

☰ Discrete Cosine transforms

Transform vectors of temporal and spatial domain real values to the frequency domain, and vice versa.